

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES



Anthracite Division

1961

Annual Report

HARRISBURG, PENNSYLVANIA





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COMMONWEALTH of PENNSYLVANIA
DEPARTMENT of MINES and MINERAL INDUSTRIES



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Annual Report

Harrisburg, Pennsylvania

DAVID L. LAWRENCE
Governor

LEWIS E. EVANS

Secretary of Mines and Mineral Industries



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND
MINERAL INDUSTRIES
HARRISBURG

LEWIS E. EVANS
THE SECRETARY

March 31, 1962

Honorable David L. Lawrence
Governor of Pennsylvania
Harrisburg, Pennsylvania

Dear Governor:

In compliance with the Act of April 14, 1903, I transmit herewith the Report of the Department of Mines and Mineral Industries for the year ending December 31, 1961, covering in detail the operations in the Anthracite Division of Pennsylvania.

Respectfully submitted,

Lewis E. Evans
Lewis E. Evans
Secretary of Mines
and Mineral Industries



DAVID L. LAWRENCE
GOVERNOR OF PENNSYLVANIA

David L. Lawrence was elected Governor of Pennsylvania on November 4, 1958, and inaugurated as Pennsylvania's 102nd Governor on January 20, 1959.

Governor and Mrs. (Alice) Lawrence have three children--two married daughters and a son, Gerald, a student at LaSalle College, Philadelphia.

He is an Army veteran of World War I and a member of various veterans' organizations. He is past president of the United States Conference of Mayors and is active in many municipal and State civic groups.

He has been politically active during his entire lifetime. He became Democratic County Chairman at the age of 31. In 1934 he was elected Chairman of the Democratic State Committee of Pennsylvania, a post he held--except for a two-year interval--until his election as Mayor of Pittsburgh.

He was appointed Collector of Internal Revenue for the Western District of Pennsylvania in 1933. He resigned that post to become State Chairman. He served as Secretary of the Commonwealth from 1935 to 1939.

David Lawrence became Mayor of Pittsburgh in 1946, winning the office by a margin of 14,000 votes. Running for his fourth term in 1957, his majority was nearly 60,000 votes.

In 1957 he was selected as one of the nine best mayors of the Nation. The United States Conference of Mayors gave him its Distinguished Service Award for "outstanding contributions to his City, his State and his Nation." He was the first mayor so honored. The only previous American awardee was General George C. Marshall.

His awards as an outstanding mayor came in part from his achievements in the fields of effective smoke and flood control, the creation of Pittsburgh's "Golden Triangle," one of the great accomplishments in the area of urban redevelopment, better housing, a system of municipal parking garages, an extensive system of parks and playgrounds and a civic-labor-industry example of municipal cooperation that provided a community re-birth program in the City of Pittsburgh and its surrounding area.



LEWIS E. EVANS
Secretary of Mines and Mineral Industries

STATISTICAL
REPORTS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS & WASHERIES,
EMPLOYEES, FATALITIES, ETC.
1870-1961

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Fatalities	Production per fatality	Fatalities per million tons	No. of inspectors
	#	#	#	#	#	#	#
1870	14,172,004			35,600	211	67,166	14.89
1871	15,532,252			37,488	210	73,963	13.52
1872	15,567,973			44,745	223	69,811	14.32
1873	21,001,521			45,199	264	79,551	12.57
1874	19,930,240			53,402	231	86,278	11.59
1875	23,402,646			69,966	238	98,330	10.17
1876	23,440,666			70,474	228	102,810	9.73
1877	24,727,213			66,842	194	127,460	7.85
1878	20,900,966			63,964	187	111,770	8.95
1879	31,036,600			68,847	262	118,460	8.44
1880	27,974,532			73,373	202	138,488	7.22
1881	34,202,558			76,031	273	125,284	7.98
1882	35,057,430			82,200	295	118,839	8.41
1883	37,747,369			91,421	323	116,865	8.56
1884	36,468,738			101,073	332	109,846	9.10
1885	38,232,155			100,320	332	115,157	8.68
1886	38,950,932			103,044	279	139,609	7.16
1887	42,156,300			106,517	316	133,406	7.50
1888	46,635,037			122,218	364	128,118	7.81
1889	43,650,768			119,646	397	109,952	9.09
1890	44,986,286			119,919	378	119,011	8.40
1891	49,701,322			123,308	428	116,125	8.61
1892	51,226,978			130,300	418	122,553	8.16
1893	52,841,110	+		138,069	456	115,880	8.63
1894	50,966,920	386,960		139,939	446	114,276	8.75
1895	56,948,756	386,534		143,705	421	135,270	7.39
1896	53,843,250	527,809		150,088	502	107,257	9.32
1897	52,581,036	732,743		149,557	423	124,305	8.04
1898	52,812,675	697,759		142,420	411	129,498	7.78
1899	60,518,331	1,055,426		140,604	461	131,276	7.62
1900	57,363,396	1,818,170		143,824	411	139,570	7.16
1901	67,094,665	2,009,864		147,651	513	130,789	7.65
1902	41,340,935	2,965,792		148,139	300	137,803	7.26
1903	75,232,585	4,119,258		151,827	518	145,237	6.89
1904	73,594,369	3,440,420		161,330	595	123,688	8.08
1905	78,647,020	3,897,688		168,254	644	122,123	8.19
1906	72,139,510	4,880,402		166,175	557	129,514	7.72
1907	86,056,412	5,630,169		168,774	708	121,549	8.23
1908	83,543,243	4,635,923		174,503	678	123,220	8.12
1909	80,223,833	5,206,562		171,195	567	141,488	7.07
1910	83,683,994	5,412,167		168,175	601	139,241	7.18
1911	90,917,176	4,555,457		173,338	699	130,067	7.69
1912	84,426,869	4,317,161		175,098	601	140,477	7.12
1913	91,626,964	2,934,157		175,310	624	146,838	6.81
1914	91,189,641	2,702,537		180,899	600	151,983	6.58
1915	89,377,706	3,418,427		177,339	588	152,003	6.58
1916	87,680,198	4,432,606		159,169	565	155,186	6.44
1917	100,445,299	6,408,277		156,148	581	172,883	5.78
1918	99,445,794	7,246,454		148,226	556	178,859	5.59
1919	87,838,024	3,616,675		153,780	636	138,110	7.24
1920	89,636,036	5,435,697		149,117	490	182,931	5.47
1921	90,358,642	1,842,096		161,926	546	165,492	6.04
1922	53,910,201	2,525,402		159,880	300	179,701	5.56
1923	92,653,641	4,212,001		158,764	515	179,910	5.56
1924	87,277,449	1,141,796		162,503	496	175,963	5.68

Year	Total production (net tons)	Washery production (net tons)*	Stripping production (net tons)*	Employees	Fatalities	Production per fatality	Fatalities per million tons	No. of inspectors
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25
1932	49,501,511	1,062,858	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,356	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,892,026	3,018,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,030,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,1249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,947	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,438	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955*	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	6,808,808	7,279,371	16,971	19	868,769	1.15	23

* Included in total production.

No accurate record previous to 1870.

† No accurate record previous to 1894.

‡ No accurate record previous to 1932.

** In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

THIRTY-THREE YEAR STUDY OF ANTRACITE, BY COUNTIES, 6

YEAR	CARRON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654, ^{1,440}	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,753, ^{1,34}	685,253	866,363	15,312,853	27,456,102	6,49,282	15,673,224	64,071	91,296	12,29,981	68,776,559
1931	1,846, ^{1,084}	865,424	756,773	12,768,625	23,766,625	12,728,763	19,792,627	75,542	184,773	157,506	59,115,387
1932	1,821,911	497,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	97,514	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,704	10,252,019	125,242	130,715	125,242	49,507,577
1934	2,057,670	917,220	631,835	12,440,200	21,438,372	5,767,112	16,911,938	189,074	179,236	265,390	56,798,951
1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,546,144	400,758	21,315,049	5,208,201	12,333,446	213,847	19,169	198,914	54,264,016	
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,061,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,513	425,871	8,439,826	20,365,37	4,090,787	9,774,216	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,242,175	50,844	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153	49,179	21,686	10,015	53,942,177
Total produ- c- tion	1,942	2,766,798	57,479	9,529,767	34,767,343	5,295,913	13,520,622	49,113	62,761	47,248	57,939,529
	(net)	3,150,839	861,015	229,000	9,149,647	24,082,663	5,463,150	17,396,092	101,977	73,037	3,484
(net) tions)	1943	3,644,877	299,349	9,427,467	24,810,042	5,743,444	18,834,594	9,756	46,216	10,903	64,112,989
	1944	1,147,941	1,121,228	292,665	8,083,021	21,073,255	5,001,063	16,731,289	187,007	66,452	*
1945	3,145,258	1,457,754	1,411,800	9,058,331	22,770,658	6,342,793	18,811,399	105,662	123,908	*	61,978,710
1946	3,166,205	1,507,884	2,933,809	8,779,545	21,990,960	6,779,549	16,259,688	46,785	58,227	985	
1947	2,801,893	1,679,495	10,254	8,610,981	21,591,846	6,937,340	17,275,544	41	63,230	138,327	59,108,810
1948	2,126,682	1,380,732	6,148,899	6,221,743	15,989,846	5,200,490	13,538,194	4,9,113	62,761	47,248	
1949	1,950	1,988,317	1,281,407	6,526,466	17,112,757	5,211,307	14,066,493	13,485	167,457	-	44,710,116
1950	1,894,305	985,117	30,133	5,777,808	14,882,432	5,749,967	13,021,079	m	26,690	73,143	
1951	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,572	n	28,762	21,662	
1952	1,561,836	745,649	21,811	3,525,642	10,201,927	4,247,561	10,142,880	o	18,085	-	
1953	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	-	26,612,312
1954	1,749,692	639,901	212,239	9,761,275	2,749,383	8,057,660	9,625	-	-	-	29,934,792
1955	#	1,746,287	841,201	254,492	3,232,568	3,524,853	8,801,402	p	5,715	-	6,361
1956	1,746,287	850,479	195,499	6,680,409	8,389,265	3,415,614	8,518,317	z	6,841	-	25,163,466
1957	1,107,042	623,195	888,009	12,084,170	17,774,038	2,600,831	17,307,839	s	15,174	1,680	27,683
1958	518,522	692,224	142,720	2,147,827	6,172,748	2,551,604	7,332,081	t	8,052	-	20,456,474
1959	519,583	474,234	129,002	1,853,008	5,380,696	2,414,599	6,933,916	u	13,828	679	5,107
1960	579,106	465,421	108,542	1,194,971	5,037,953	2,004,278	6,827,844	v	16,534	1,645	16,506,612

THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,043	35,846	63,308	14,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	4,57	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,554	586	254	342	138,400
1932	3,970	997	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	948	1,126	22,954	46,737	8,161	21,062	510	200	106,251	
1935	4,935	1,224	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,117	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,918	45,731	7,473	18,065	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,615 d	144	37	16	88,849
1942	4,333	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,860	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,536
1947	4,991	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	-	*	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	*	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	*	44,731
1955	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	*	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	*	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,998	2,689	5,998 v	16	3	6	16,971

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THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
	1924	1,325,996	498,917	566,332	9,879,932	17,084,203	4,008,190	10,214,942	85,557	350,847	29,205	44,054,141
	1930	738,578	257,535	371,794	7,689,334	12,990,705	3,010,032	6,482,976	52,749	43,498	31,675,665	
	1931	730,607	230,208	349,013	6,288,064	10,700,468	2,100,810	4,748,290	67,648	24,959,113		
	1932	537,711	160,097	276,268	5,182,286	7,724,183	1,882,079	3,165,543	26,753	31,228	19,173,874	
	1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,404	28,301,721	
	1934	756,334	206,878	248,595	5,384,563	8,991,403	1,798,718	4,097,456	88,891	53,800	56,430	
	1935	727,462	178,122	195,668	4,301,631	7,899,406	1,724,406	3,570,398	85,202	87,390	44,585	
	1936	781,883	367,474	141,498	4,339,899	8,048,873	1,666,329	3,598,172	127,098	4,275	39,496	
	1937	725,560	378,726	176,757	3,564,769	6,680,115	3,406,363	52,506	13,648	9,714	18,403,374	
	1938	783,486	372,549	175,948	3,162,859	7,699,347	1,395,363	28,581	3,570	3,297	16,585,464	
	1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,419 b	21,382	43,656	2,735	17,225,261
	1940	789,147	322,285	176,866	3,286,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
	1941	846,859	274,325	129,286	3,063,605	5,856,535	1,479,290	3,260,577 d	27,035	5,708	5,544	17,676,304
	1942	1,021,633	349,214	21,313	3,462,154	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
	1943	1,156,102	351,130	37,310	3,571,705	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
	1944	1,446,126	500,067	46,486	3,703,717	10,246,301	1,681,792	5,125,620 g	59,389	*	*	22,809,700
	1945	1,213,929	522,380	50,878	3,075,875	9,007,993	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
	1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
	1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,997	23,233	5,202	*	22,392,531
	1948	1,259,960	319,830	12,152	3,009,360	9,641,708	1,725,123	5,150,772 i	28,335	7,704	*	21,534,064
	1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
	1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
	1951	738,600	268,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	-	15,715,000
	1952	699,734	301,122	10,897	2,041,500	5,989,000	1,149,120	3,790,865 n	12,970	-	-	13,995,768
	1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
	1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
	1955	377,422	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
	1956	414,199	202,062	45,290	2,982,331	2,982,331	2,009,587 q	2,142	-	544	-	7,305,590
	1957	267,133	213,100	39,381	825,397	2,384,390	670,183	1,803,776	1,820	-	-	6,185,180
	1958	146,841	181,801	32,798	555,768	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
	1959	88,229	142,597	28,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
	1960	77,790	33,323	77,423	501,303	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,100
	1961	79,052	32,200	69,179	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787

THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHAMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
Aver-	175	164	205	180	190	194	175 b	100	186	144	185
age	180	194	204	195	183	180	191 c	132	142	142	187
days	1941	190	184	221	205	196	217	196 d	188	154	159
worked	1942	230	235	39	241	259	236 e	210	212	219	246
1943	267	287	273	277	259	258 f	239	234	*	269	
1944	293	292	312	300	304	262	274 g	282	*	292	
1945	265	267	261	270	274	258	250 h	260	174	*	
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	139	272	283	269	277	183	255	-	277	
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955 #	172	136	156	171	209	119	175 p	97	-	-	179
1956	198	183	216	223	210	210	205 q	306	-	68	209
1957	141	186	206	192	190	207	189	260	-	189	
1958	175	171	196	161	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	212	173	166 u	214	85	90	180	
1961	227	166	160	202	242	192 v	222	261	121	116	

THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	1	-	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	5	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955	#	-	-	5	32	f	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	-	1	2	15	4	9	-	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	-	-	10	1	-	-	-	-	-	19

Fatalities

THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBD.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,667	-	173,473	141,786	167,415	232,734	127,125	-	91,296	40,994	154,902
1931	314,347	216,356	189,069	110,074	171,395	179,024	192,922	75,542	-	153,246	52,502
1932	607,304	497,966	84,135	198,801	166,621	369,938	249,515	-	-	124,196	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
1934	293,753	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,458
1935	425,755	274,934	78,495	208,745	171,213	314,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	102,958	-	243,869
1938	324,629	289,478	89,174	172,241	199,664	314,676	222,141	-	-	207,487	-
1939	359,165	192,869	155,987	199,969	216,460	370,403	366,138	-	124,791	-	244,761
Pro- duc- tion	1940	362,558	513,183	168,519	264,556	243,785	449,946	340,672	-	-	283,112
per fat- al	1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	285,408
1942	699,200	-	166,354	-	266,983	201,307	330,995	375,568	-	-	297,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	537,543	186,871	-	299,371	397,609	384,697	522,893	-	187,007	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,491	579,034	-	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,139	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,264	1,415,854	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,267	851,832	-	-	-	493,401
1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	1,194,971	530,795	668,093	1,703,547	-	-	-	-	868,769

THIRTY-THREE YEAR STUDY OF ANTHRACITE, BY COUNTIES

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMBER.	SCHUYLKILL	SULLIVAN	SUSQUE	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1933	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1934	9.25	19.34	8.06	10.96	12.68	12.25	11.47	11.25	37.17	-	11.90
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	12.58
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	102.94	-	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	-	-	12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
men days	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	-	-	-	7.88
1947	3.03	10.47	7.98	7.39	10.83	7.26	2.66	-	-	-	7.41
1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	6.08
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	5.62
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	4.89
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	5.98
1952	11.43	16.60	-	4.90	6.18	8.70	-	-	-	-	6.57
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	5.80
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
1955	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
1956	9.66	-	-	7.12	7.71	9.00	6.97	-	-	-	7.39
1957	11.23	18.77	-	8.48	8.46	8.95	5.54	-	-	-	8.25
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	6.37
1959	11.33	14.03	-	9.96	17.31	7.47	6.51	-	-	-	11.06
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	9.62
1961	12.65	-	-	2.28	8.77	3.47	-	-	-	-	5.72

EXPLANATION OF SYMBOLS USED IN THIS REPORT

		Includes	6,184 tons	13 employees,	124 days and	1,612 man-days for Lebanon County
a -	"	13,327	" 5	" 198	" 990	" "
b -	"	17,330	" 13	" 136	" 1,773	" "
c -	"	30,216	" 26	" 187	" 4,856	" "
d -	"	35,641	" 39	" 118	" 4,593	" "
e -	"	21,981	" 22	" 257	" 5,654	" "
f -	"	21,550	" 14	" 210	" 2,940	" "
g -	"	37,690	" 41	" 241	" 9,881	" "
h -	"	21,982	" 6	" 223	" 1,338	" "
i -	"	21,763	" 7	" 226	" 1,582	" "
j -	"	22,978	" 5	" 267	" 1,335	" "
k -	"	26,567	" 13	" 308	" 2,020	" "
m -	"	24,767	" 11	" 286	" 2,156	" "
n -	"	6,560	" 10	" 46	" 460	" "
o -	"	3,752	" 20	" 120	" 2,408	" "
p -	"	6,359	" 22	" 107	" 2,358	" "
q -	"	3,550	" 5	" 188	" 940	" "
r -	"	9,106	" 6	" 98	" 588	" "
s -	"	4,450	" 6	" 153	" 918	" "
t -	"	2,770	" 3	" 230	" 690	" "
u -	"	13,654	" 5	" 72	" 360	" "

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

ANTHRACITE PRODUCTION
DEEP MINED, STRIPPING AND BANK

BY COUNTY

YEAR 1961

Counties	Production of Mines Employing Five or More Persons		Production of Mines Employing Fewer Than Five Persons		Total Production	Percentage of Total Production	Total Empl- oyees	Total Fatal- ties
	Deep	Strip	Bank	Deep				
Carbon	26,953	350,379	196,924	4,850	579,106	3.50%	349	1
Columbia	56,626	224,493	116,410	66,892	464,421	2.81%	416	-
Dauphin	7,386	41,885	22,700	36,571	108,542	0.63%	201	-
Lackawanna	629,247	447,616	111,126	6,982	1,194,971	7.23%	2,167	1
Lebanon	-	12,000	1,654	-	13,654	0.08%	5	-
Luzerne	2,497,306	2,065,202	733,754	11,691	5,307,953	32.09%	5,126	10
Northumberland	677,471	413,377	316,264	597,166	2,004,278	12.16%	2,689	3
Schuylkill	1,714,662	3,094,244	917,956	472,328	6,811,190	41.28%	5,993	4
Sullivan	2,677	13,857	-	-	16,534	0.10%	16	-
Susquehanna	-	-	1,645	-	1,645	0.009%	3	-
Wayne	-	1,318	-	-	1,318	0.007%	6	-
Division Total	5,612,328	7,279,371	2,418,433	1,196,480	16,506,612	100.00%	16,971	19 #
Percentage of Total Production	34.00%	44.10%	14.65%	7.25%	100.00%			

Includes two (2) fatalities chargeable to deep mines employing fewer than five (5) persons.

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK) FATALS, PRODUCTION PER FATAL AND EMPLOYES
YEAR 1961

Dist- rict	Inspect- or	Deep Mined	Stripping	Bank	Total Production	Fatal- ties Deep	Fatal- ties Strip	Fatal- ties Total	Production per fatal	Production per Employee
1	W. G. Ward *	26,719	390,346	14,031	431,096	-	-	1	431,096	473
2	T. L. Wackley	6,954	6,954	11,601	33,513	-	-	-	-	742
3	W. G. Ward	286,952	51,534	87,139	428,725	-	-	-	-	937
7	T. M. Beany *	18,897	298,348	263,203	580,448	-	-	-	-	332
11	T. M. Beany	312,897	781,794	131,847	1,226,538	2	-	2	613,269	1,200
13	J. D. Edwards	1,046,577	117,480	82,219	1,246,276	2	-	2	623,138	1,413
14	K. C. Lee	1,094,730	29,294	-	1,234,024	6	-	6	205,837	1,333
15	Ralph Ditzler	91,954	1,249,476	450,843	1,792,173	1	-	1	2	896,086
16	F. C. O'Connor	617,253	8,585	-	625,838	-	-	-	-	438
17	G. F. Kettle	153,950	265,751	-	419,701	-	-	-	-	407
18	P. P. Hino	96,359	867,272	63,366	1,026,997	-	-	-	-	704
19	J. J. Shober, Jr.	65,547	390,608	170,676	626,831	-	-	-	-	332
20	G. P. Gallagher	53,603	93,221	184,499	331,323	-	-	-	-	173
21	A. J. Latz	82,546	264,589	46,280	395,415	-	-	-	-	427
22	J. R. Ruane	44,968	359,633	116,410	520,511	-	-	-	-	426
23	J. P. Brophy	126,068	55,116	10,674	192,558	-	-	-	-	449
24	H. E. Shomper	249,276	16,201	82,061	347,838	1	-	1	347,838	525
25	Walter Davis	303,067	186,831	190,082	679,980	2	-	2	339,990	546
26	J. B. Reinisch	105,232	791,154	279,396	1,175,782	-	-	-	-	1,029
27	R. O. Schneider	279,649	848,622	152,722	1,280,993	-	-	-	-	834
28	A. A. Joyce	81,492	40,669	-	81,600	-	-	-	-	79
29	H. R. Reese	27,875	38,830	108	107,374	-	-	-	-	92
30	M. D. Maurer	131,741	53,885	42,354	227,980	1	-	1	227,980	246
Sub Total		5,612,328	7,279,371	2,418,433	15,310,132	15	2	17	900,596	14,414
LIFM		1,196,480	-	-	1,196,480	2	-	2	598,240	2,557
Division Total		6,808,808	7,279,371	2,418,433	16,506,612	17	2	19	868,769	16,971

* Denotes Acting Mine Inspector

LIFM = Denotes Mines Employing Less Than Five (5) Men.

Production, How Shipped, Average Days Worked, Employees, Explosives
Fatal and Nonfatal Accidents

By Inspection District - 1961

For Mines Employing More Than Five Persons

District	PRODUCTION - NET TONS			Pounds permis- able ex- plosives			Pounds dynamite used			Days worked			Empl- oyees			Fatal acci- dents		
				Production														
	Shipped to Market	Sold	Used at colliery and heat	Total	Production	Total	Used	Pounds	Days	Employees	Fatal acci- dents							
1	192,933	51,709	178,835	7,599	431,096	66,910	905,036	206	473	1	13	-	-	-	-	-	-	
2	184,191	60,366	88,969	605	334,131	283,250	143,725	265,475	53,185	742	-	91	-	-	-	-	38	
3	215,017	127,172	82,315	1,221	425,725	53,185	937	202	937	-	-	-	-	-	-	-	23	
7	293,398	160,141	124,130	2,779	580,448	3,480	2,962,174	234	332	-	-	-	-	-	-	-	103	
11	462,962	282,103	474,308	6,365	1,226,538	967,252	1,418,231	900,225	317,775	241	1,200	2	1,200	2	1,413	2	214	
13	629,713	331,198	264,244	5,021	1,246,276	1,731,245	35,675	2,216	1,235,024	239	1,333	6	1,333	6	182	2	182	
14	651,394	357,186	224,228	6,333	1,258,540	1,792,173	38,270	1,98,973	1,792,173	210	1,277	2	1,277	2	42	2	42	
15	928,327	658,540	431,845	2,281	625,838	399,130	550	50,926	419,701	260	438	-	-	-	-	-	29	
16	140,845	431,866	98,176	577	100,675	166,965	133	111,603	419,701	407	-	-	-	-	-	-	13	
17	209,345	111,603	112,753	173	1,026,997	2,903,457	791,968	112,085	830	219	704	-	-	-	-	-	43	
18	441,986	472,085	186,989	141,804	626,831	40,467	1,501,778	126,065	331,323	152	332	-	-	-	-	-	12	
19	297,208	126,065	190,387	1,208	125,775	91,447	175,775	126,065	393,415	193	173	-	-	-	-	-	1	
20	50,054	75,014	175,725	838	60,150	498,180	183	280,867	520,511	427	-	-	-	-	-	-	25	
21	190,387	127,176	61,831	2,088	14,100	1,250,920	209	175,725	61,831	426	-	-	-	-	-	-	17	
22	280,867	175,725	90,286	3,00	115,035	105,325	122	90,286	192,558	449	-	-	-	-	-	-	16	
23	90,286	66,718	35,254	1,660	347,838	168,772	6,925	130,379	49,392	525	1	67	-	-	-	-	67	
24	130,379	166,407	49,392	1,295	679,980	1,110,320	38,605	205,388	1,21,040	225	-	-	-	-	-	-	27	
25	352,257	230,309	212,616	890	1,175,782	112,245	2,897,971	731,967	1,280,993	285,813	8,070,729	1,029	1,029	-	-	-	94	
26	591,718	520,968	168,057	250	81,600	38,650	1,900	18,729	9,721	223	834	-	-	-	-	-	77	
27	53,095	17,115	62,647	350	107,374	18,550	9,040	27,262	247	209	79	-	-	-	-	-	8	
28	18,729	17,115	62,647	35,670	227,980	89,520	6,550	35,670	247	201	92	-	-	-	-	-	2	
30	91,291	100,772	100,772	-	-	-	-	-	-	246	1	11	1,148	-	-	-	-	
Total	7,405,400	5,011,037	2,848,514	45,181	15,310,132	9,888,723	26,185,388	206	14,414	17	1,414	-	-	-	-	-	-	

SUMMARY OF REPORT COVERING
MINES EMPLOYING FEWER THAN FIVE PERSONS
1961

Dis-t- riict	Number of Op- erators	Number of Mines	Total Production	Days Worked	Employees	Fatal Accidents	Production Per Fatal Accident	Nonfatal Accidents
1	3	3	2,723	157	8	-	-	-
2	6	6	4,259	111	16	-	-	-
3	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	24	31	23,763	78	99	-	-	-
16	21	21	48,615	121	74	-	-	-
17	55	55	105,074	132	179	-	-	2
18	37	38	24,391	116	114	-	-	-
19	96	100	79,976	102	286	-	-	2
20	76	79	81,248	126	232	1	4	-
21	57	59	48,589	112	182	-	3	-
22	39	39	67,847	177	120	-	-	1
23	36	36	55,700	161	106	-	-	1
24	49	52	73,098	147	153	-	-	-
25	35	35	97,031	156	120	-	7	-
26	35	35	35,159	166	111	-	2	-
27	39	40	56,448	156	132	-	-	-
28	43	50	177,854	183	182	1	177,854	6
29	77	79	130,958	154	233	-	-	1
30	65	70	83,747	127	210	-	-	2
Division Total	796	828	1,196,480	138	2,557	2	598,240	31

PRODUCTION AND ACCIDENT RECORD
FOR OPERATORS HAVING A FATALITY

1961

OPERATOR	DEEP	STRIP	BANK	TOTAL PRODUCTION		FATALITIES DEEP	FATALITIES STRIP	TOTAL	NON- FATALS	PRODUCTION PER FATAL	EMPLOYEES
				DEEP	STRIP						
Audenried Mines, Inc.	54,279	-	-	54,279	1	-	1	1	-	54,279	66
B. & B. Coal Co.	12,700	-	-	12,700	1	-	1	-	12,700	4	
Glen Alden Corp.	1,947,484	469,241	5,640	2,416,725	8	-	8	13	302,091	2,769	
Hudson Coal Co.	-	433,561	-	439,201	1	1	-	-	219,600	276	
Koperna Coal Co.	6,704	-	-	6,704	1	-	1	-	6,704	5	
Ladika Coal Co.	857	-	-	857	1	-	1	-	857	4	
Reading Anthracite Co.	-	1,797,101	-	1,797,101	1	-	1	1	1,797,101	1,290	
Sullivan Trail Coal Co.	-	545,698	-	545,698	-	1	1	1	545,698	351	
Susquehanna Collieries Co.	348,775	128,340	-	474,115	2	-	2	1	237,057	459	
White's Vein Coal Co.	7,906	-	-	7,906	1	-	1	1	7,906	7	
Total production for operators with a fatality	2,378,705	3,370,941	5,640	5,755,286	17	2	19	531	302,910	5,231	
Total production for operators without a fatality	4,430,103	3,908,430	2,412,793	10,751,326	-	-	-	617	-	11,740	
Division Total	6,808,808	7,279,371	2,418,433	16,506,612	17	2	19	1,148	868,769	16,971	

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1961

	Percentage of total accidents										Percentage of total accidents	
	Percentage of total accidents										Percentage of total accidents	
<u>INSIDE</u>												
Falls of Roof, Face or Sides	-										47.37%	-
Transportation	-										15.79%	-
Machinery	-										5.26%	-
Blast	-										10.53%	-
Total Inside	-										73.68%	-
<u>OUTSIDE</u>												
Electricity	-										1	-
Transportation	-										2	-
Machinery	-										2	-
Stripping	-										5	-
Total Outside	-										19	100.00%
<u>GRAND TOTAL</u>												
Percentage of total accidents	5.26%	-	-	5.26%	-	-	52.63%	15.79%	21.06%	-	100.00%	-

SUMMARY OF EMPLOYEES BY DISTRICT
ANTHRACITE DIVISION — 1961

District	INSIDE EMPLOYEES						OUTSIDE EMPLOYEES						Total	Grand Total
	Mine Foreman	Miners	Miners' Laborers	All Other	Total Inside	Superintendent	Office	Brecker	All Other	Total Outside	Inside & Outside			
	1	2	3	4	5	6	7	8	9	10	11	12	396	473
1	2	29	136	193	102	460	27	3	163	89	282	742		
3	3	30	153	288	132	603	25	45	177	177	334	937		
7	7	5	10	20	12	47	9	9	39	228	285	332		
11	11	34	87	163	42	326	43	24	221	586	874	1,200		
13	13	42	211	438	245	936	16	16	128	317	477	1,413		
14	14	34	235	413	223	905	8	7	83	330	428	1,333		
15	15	8	49	30	4	91	46	22	391	727	1,277			
16	16	37	178	18	54	287	6	1	63	81	151	438		
17	17	13	53	31	5	102	16	1	152	136	305	407		
18	18	10	61	5	81	32	20	157	414	623	704			
19	19	8	35	9	3	55	21	9	55	192	277	332		
20	20	6	17	3	1	27	20	2	41	83	146	173		
21	21	9	49	15	2	73	17	7	126	202	352	427		
22	22	9	54	3	13	79	15	6	104	222	347	426		
23	23	22	130	27	101	280	11	1	36	121	169	449		
24	24	17	132	20	61	230	12	15	173	95	295	525		
25	25	14	114	61	15	204	20	8	165	149	342	546		
26	26	23	146	27	28	224	14	4	365	422	805	1,029		
27	27	32	146	59	4	241	20	1	157	415	593	834		
28	28	7	25	21	-	53	5	1	10	10	26	79		
29	29	6	19	3	2	30	4	-	14	44	62	92		
30	30	9	46	9	19	93	4	-	94	55	153	246		
	Total	4,22	2,116	1,894	1,074	5,506	420	215	2,933	5,340	8,908	14,414*		

* Employees of Deep Mines Employing Fewer Than Five (5) Persons Are Not Included In This Report.

OPERATORS PRODUCING 50,000 OR MORE TONS

1961

OPERATORS	PRODUCTION
1. Glen Alden Corp.	2,416,725
2. Reading Anthracite Co.	1,797,101
3. Greenwood Stripping Corp.	734,088
4. Jedd-Highland Coal Co.	654,650
5. Sullivan Trail Coal Co.	545,698
6. Number One Contracting Co.	543,776
7. Mammoth Coal Co.	528,857
8. Moffat Coal Co., Inc.	497,048
9. Susquehanna Coal Co.	474,115
10. Gilberton Coal Co.	456,176
11. Hudson Coal Co.	439,201
12. Honeybrook Mines, Inc.	413,128
13. Gap Anthracite Co.	202,873
14. Pyramid Coal Co.	201,491
15. Trevorton Coal Co.	195,571
16. Indian Head Coal Co.	190,062
17. Sayre Contracting Co.	164,165
18. Penag Coal Co.	159,540
19. Newkirk Mining Co.	135,969
20. Carbondale Coal Co.	117,746
21. Riki Corp.	102,507
22. Lincoln Anthracite Co.	99,371
23. Bush Coal Co.	93,367
24. Capone Coal Co.	76,878
25. Pollock Trucking Co.	74,598
26. Talamelli Coal Co.	71,553
27. Poppie, Inc., R. A.	68,688
28. Monroe Co., Inc.	67,657
29. Diamond Colliery Co.	61,218
30. Sanchez Construction Co.	60,948
31. Herl & Reed Coal Co.	58,506
32. Audenried Mines, Inc.	54,279
33. Peca Coal Co., Inc.	53,099

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1961

Year	Date	Colliery	Location of Colliery	Cause of accident	Number killed
1847	Feb.	Spencer	Pottsville	Explosion of gas	7
1869	Sept. 6	Avondale	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale	Boiler explosion	5
	Aug. 10	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Girardville	Car fell down slope	7
1871	May 27	West Pittston	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Raven Run	Fall of roof	10
	Aug. 11	West End	Mocanaqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth # 2	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke # 1	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Scranton	Explosion of gas	6
	Sept. 13	Marvine	Scranton	Suffocated by gas	8
	Nov. 26	Connyngham	Wilkes-Barre	Explosion of gas	12
1887	Arr. 27	Tunnel	Ashland	Suffocated by gas	5
	Oct. 1	Bast	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska, William	Middleport	Car fell on cage in shaft	10
1890	Feb. 1	Nottingham	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre # 3	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna # 4	Nanticoke	Explosion of gas	5
	May 15	Jersey # 8	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mtn. # 1	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna # 1	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Shamokin	Mine fire	10
	June 22	Susquehanna # 1	Nanticoke	Explosion of gas	5
	Sept. 21	Lance # 11	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Shamokin	Boiler Explosion	6
1895	Feb. 18	West Bear Ridge	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre # 3	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Wadesville	Crosshead fell down shaft	5
	Sept. 28	Jermyn # 1	Rendham	Mine fire	5
	Oct. 30	Von Storch	Scranton	Mine fire	6
1898	May 26	Kaska, William	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Locust Gap	Mine fire	5
	May 25	Williamstown	Williamstown	Suffocated by gas from mine locomotive	10

ACCIDENTS IN WHICH FIVE OR MORE PERSON WERE KILLED, 1847 - 1961

Year	Date	Colliery	Location of colliery	Cause of accident	Number Killed
1904	Nov. 2	Auchincloss	Nanticoke	Falling down shaft	10
1905	Feb. 18	Lytle	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	West Pittston	Falling down shaft	7
	Apr. 26	Conyngham	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna # 7	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Taylor	Explosion of gas	7
1908	June 18	Johnson # 1	Priceburg	Explosion of gas	7
	May 12	Mount Lookout	Wyoming	Explosion of gas	12
	May 13	Prospect	Midvale	Fall of roof	5
	July 15	Williamstown	Williamstown	Explosion of powder & dynamite	6
	Aug. 28	Warrior Run	Wilkes-Barre	Mine cars	6
1909	Mar. 2	Pennsylvania # 14	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre #5	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Throon	Mine fire	72
	May 27	Cameron	Shamokin	Explosion of gas	5
	Sept. 12	Marvine	Scranton	Mine cars	5
	Oct. 3	Drifton # 2	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd	Overwinding of cage	6
	Sept. 16	Lehigh # 4	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance # 11	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback # 2	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Middleport	Explosion of gas	5
	June 26	Richards	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup # 2	Jessun	Fall of roof	5
1924	June 6	Loomis	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	Port Carbon	Explosion of gas	5
	July 3	Pettetbone	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna # 7	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Edwardsville	Fall of roof, followed by an explosion of gas	7
	May 25	Baltimore # 5	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Gilberton	Fall of roof	8
1931	May 29	Richards	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936	Aug. 24	Clear Spring	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair	Explosion of gas	6
	June 2	Volpe	Pittston Twn.	Explosion of gas	10
1943	Sept. 24	Primrose	Minerverville	Explosion of gas	14
1947	Jan. 15	Nottingham	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Hanover Twn.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Forrestsville	Drowned - blast blew through to old workings	5
1959	Jan. 22	Ewen	Port Griffith	Drowned - river broke into mine	12

ANTHRACITE FATAL ACCIDENT VICTIMS - 1961

Dist- ict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
15	Michael Koslop	Jeddo	Sullivan Trail Coal Co. (Capparell Striping & Construction Co.)	Spring Mountain Strip	Jan. 7	Stripping
24	Alphonse J. Poploskie	Shamokin	Susquehanna Collieries Co.	West Shaft, Glen Burn	Feb. 7	Blast (Inside)
11	Frank Skripunkis	Swoyersville	Glen Alden Corp.	No. 2 Shaft, Woodward	Mar. 15	Roof Fall
14	Anthony Bobin	Nanticoke	Glen Alden Corp.	No. 18, Wanamie	Mar. 17	Machinery (Inside)
	Jacob Melovitz	Hanover Township	Hudson Coal Co.	Loree Colliery	Mar. 24	Cars (Outside)
14	Metro Shento	Plymouth	Glen Alden Corp.	No. 19, Wanamie	Apr. 6	Roof Fall
13	Walter Placek	Dupont	Glen Alden Corp. (Pealey Mining Co., Contractor)	No. 210 Slope, Truesdale	May 9	Roof Fall
1	Clarence Carey	Jermyn	Hudson Coal Co. (John J. Savage, Contractor)	Powdery Strip	May 10	Stripping
25	George Williams	Wadsworth	Realing Anthracite Co.	Lorberry Colliery Surface	May 15	Electricity (Outside)
13	Zigmund C. Grohowski	Ashley	Glen Alden Corp.	Huber Colliery Surface	May 17	Cars (Outside)
14	Samuel Galey	Nanticoke	Glen Alden Corp.	No. 19, Wanamie	June 5	Cars (Inside)
28	Benjamin Slavinski	Kulpmont	B. & R. Coal Co.	Lykens #O Vein Slope	July 5	Cars (Inside)
25	Louis A. Hoke	Donaldson	Koperna Coal Co.	Top Split Slope	July 10	Cars (Inside)
20	Leonard Lubinski	Kulpmont	Ladika Coal Co.	No. 4 Vein Slope	July 12	Cars (Inside)
14	Stanley Olszewski	Glen Lyon	Glen Alden Corp.	No. 18, Wanamie	July 13	Roof Fall
14	Frank Bwyska	Glen Lyon	Glen Alden Corp.	No. 19, Wanamie	July 28	Roof Fall
14	Frank Bucknavage	Wilkes-Barre	Susquehanna Collieries Co. (Glen Man Coal Co., Contractor)	No. 3 Slope, Glen Lyon	Sep. 22	Roof Fall
30	Frank Kulp	Lykens	White's Vein Slope	White's Vein Slope	Nov. 8	Roof Fall
15	John Passura	McAdoo	Audenried Mines, Inc.	No. 11 Slope	Nov. 16	Roof Fall

1961 SUMMARY OF STATISTICS, BY DISTRICT

DISTRICT	Number of Operators	Number of Mines employing five or more persons	Number of Operators employing less than five persons	Number of Operators	Total Number of Operators	Number of Gasaceous Mines	Number of Nongasaceous Mines	Number of Shafts	Number of Diftts	Number of Slopes	Number of Slopes (less than five persons)	Number of Gasaceous Mines	Number of Nongasaceous Mines	Number of Shafts	Number of Diftts	Number of Slopes	Number of Slopes (less than five persons)	Number of Banks	Total Number of Operations	Plants	Number of Strips	STRIP BANK	TOTAL EMPLOYEES	DEEP	TOTAL FATALITIES	More persons employing five or more persons	Mines employing five or more persons	TOTAL FATALITIES	DEEP	EMPLOYING FIVE OR MORE PERSONS	ACCIDENTS	FATALS	NONFATALS	EMPLOYEES	FATALS	NONFATALS
1	28	3	31	3	31	8	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
2	2	18	12	30	20	13	7	1	4	16	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1	6			
3	3	7	-	7	16	1	4	1	3	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
4	7	5	5	3	3	15	1	4	1	3	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
5	7	5	5	32	20	17	1	2	1	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
6	11	27	5	32	32	12	3	12	3	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
7	11	13	3	3	13	12	1	2	1	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
8	13	13	-	3	13	9	7	2	9	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
9	14	14	2	2	22	26	48	6	6	1	6	31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
10	15	15	2	2	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
11	15	15	5	5	20	17	12	1	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
12	15	15	2	2	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
13	15	15	6	6	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
14	15	15	2	2	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
15	15	15	6	6	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
16	16	16	7	7	22	21	60	35	20	10	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
17	17	13	58	71	15	9	4	5	3	6	38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
18	18	21	37	58	9	4	5	3	6	100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
19	19	19	99	118	9	1	8	1	3	6	100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
20	20	11	82	93	5	1	4	1	1	5	79	6	73	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
21	21	66	94	9	4	5	1	1	4	39	6	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
22	22	8	41	49	5	1	1	4	39	6	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
23	23	14	36	50	11	8	3	1	1	6	52	3	49	4	2	46	1	4	64	16	459	9	37	173	678	1	1	67	1	67	1					
24	24	26	51	77	7	4	3	1	1	6	35	7	28	30	8	3	54	13	377	100	24	165	666	2	2	27	7	27	7							
25	25	25	37	62	8	5	3	1	1	12	1	1	12	33	1	2	31	7	61	15	354	320	71	365	1,140	2	94	2	94	2						
26	26	28	37	65	14	2	12	1	1	12	36	40	2	38	2	2	38	8	4	91	8	430	343	36	157	966	2	77	2	77	2					
27	27	28	31	42	73	39	12	27	1	3	50	17	33	20	4	55	1	57	1	248	3	32	11	14	325	1	1	8	6	6						
28	28	7	46	53	6	6	1	1	1	6	50	17	33	20	4	55	4	92	2	268	32	17	19	94	456	1	1	2	1	2						
29	29	13	77	90	5	2	3	1	1	5	79	4	75	20	4	69	2	6	93	15	326	17	19	94	456	1	1	2	1	2						
30	30	22	79	101	15	2	15	3	12	70	-	1	69	2	6	93	15	326	17	19	94	456	1	1	2	1	2									
Total	417	855	1,272 #	286	134	152	11	36	239	826	54	772	29	32	765	155	91	1,356	159	9,467	3,958	613	2,933	16,971	17	2	19	1,146	31							

NOTE: # Due to the fact that some companies operated in more than one district, the actual total number of Anthracite Coal Operators is 1,210.

ANTHRACITE DIVISION									
Dist- ict	MECHANICAL LOADING			ELECTRIC MOTORS			PILOTS DELIVERING WATER TO SURFACE		
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under- cutting or Mining Machines	Number of Loading Machines	Number of Produced by Mechanical Loading	Number of Employees Engaged in this class of work	Total Number	Total Horse- power	Total Number	Number of Gallons delivered per day of 24 hours.
1	16	-	-	19,689	36	311	9,677	1	5,700,000
2	55	-	-	135,970	174	368	14,954	1	10,000
3	148	1	1	213,095	331	704	20,060	-	-
7	3	-	-	781	10	631	27,911	5	5,078,371
11	100	-	3	265,176	298	1,009	46,496	6	3,194,600
13	188	4	12	940,683	632	722	24,328	17	30,738,293
14	157	8	12	1,094,730	581	478	20,566	14	10,986,669
15	29	-	1	45,081	60	682	18,809	9	8,427,300
16	25	-	1	84,325	43	300	6,836	66	3,980,000
17	6*	-	-	-	250	9,262	15	2,380,000	-
18	9	-	-	17,689	8	247	6,006	11	7,211,080
19	4	-	-	40,226	14	271	13,999	16	8,438,235
20	7	-	-	279,720	94	66	1,111	3	284,400
21	2	-	-	17,860	17	241	3,318	8	275,000
22	8	-	-	21,498	44	882	4	2,933,817	-
23	11	2	2	34,160	54	407	10,062	18	3,664,275
24	15	-	-	112,340	78	453	7,150	13	3,327,000
25	10	-	15	328,153	131	434	13,346	10	6,750,000
26	18	1	41,953	92	921	29,110	11	33,765,817	-
28	27	-	110,281	89	374	8,493	39	3,066,000	-
28	4	-	21,069	21	1,381	46	4,133,000	-	-
29	5	-	17,498	16	40	808	12	639,000	-
30	1	6	62,733	17	221	2,672	17	342,300	-
Total	849	6	65	3,910,710	2,800	9,453	305,240	303	141,617,377

* Used as haulage.

REPORT OF OPERATIONS

EMPLOYING

FIVE OR MORE PERSONS

AND

ALL STRIP MINES

District		Production - net tons		Pounds permissive explosives used		Pounds dynamite used		Days worked		Empl. eyes		Non-fatal accidents	
		Shipped to market:	Sold to colliery	Total:	Total:	Pounds dynamite used	Days worked	Total:	Empl. eyes	Total:	Fatal accidents		
Operators and Collieries	County	By railroad	By truck	for steam trade	for heat production:			days worked	days worked	days worked			
Kuna Coal Co.													
Eric Shaft Strip	S Lackawanna	322	100	1,528	-	1,950 r	75	50	184	6	-		
Masters Contracting Corp.	S Wayne	250	-	1,068	-	1,318 s	3,100	1,100	116	6	-		
Browndale Strip	bk Susquehanna	114	422	909	200	1,645 t	-	-	121	3	-		
Matisko Coal Co.	S Lackawanna	1,106	-	894	10	2,010 u	400	700	120	3	-		
Forest City Bank	B Lackawanna	-	-	-	-	-	-	-	251	7	-		
Northwest Coal Co.	Dm Lackawanna	241	-	195	2	438 v	925	50	104	6	-		
Raymond Strip	B Lackawanna	-	-	-	-	-	-	-	251	33	-		
Penbrook Coal Co.	S Lackawanna	164	-	697	-	861 w	-	1,300	97	4	-		
Penbrook Breaker	bk S. C. Bank	203	-	864	1,422	2,489 x	-	-	43	12	-		
Plantack Coal Co.	S Lackawanna	1,000	-	805	8	1,813 y	75	250	137	3	-		
Raymond Colliery	Dm Lackawanna	3,052	-	2,469	28	5,549 z	10,375	550	220	8	-		
Pompey Coal Co.	B Lackawanna	-	-	-	-	-	-	-	-	-	1		
Pompey Colliery													
Slienska Coal Co.													
West Jermyn Strip													
Tolerico, C. A.													
U. O. S. C. Bank													
Torch Coal Co.													
Torch Strip													
U. & M. Coal Co.													
Raymond Colliery													
Waddell Coal Co.													
Waddell Breaker													
District Total		192,953	51,709	178,835	7,599	-	-	-	66,910	905,036	13		
DH - Deep Mine	S - Stripping					B - Breaker			BP - Breaker Preparation Only.				
(a) - 125 tons prepared at Bolands Breaker.						(m) - 3,227 tons prepared at Pompey Breaker.							
(b) - 1,625 tons prepared at Pompey Breaker.						(n) - 3,745 tons prepared at Bolands Breaker.							
(c) - 117,746 tons prepared at Marvine Breaker, 2nd District.						(o) - 5,448 tons prepared at Raymond Breaker.							
(d) - 16,346 tons prepared at Marvine Breaker, 2nd District.						(p) - 80,407 tons prepared at Marvine Breaker, 2nd District.							
(e) - 605 tons prepared at Ace Coal Breaker, 2nd District						(q) - 2,237 tons prepared at Powderly Breaker.							
7,366 tons prepared at Penbrook Breaker.						(r) - 13,107 tons prepared at Marvine Breaker, 2nd District.							
(f) - 1,145 tons prepared at Northwest Breaker.						(s) - 171 tons prepared at Powderly Breaker.							
(g) - 2,994 tons prepared at Raymond Breaker.						(q) - 132,803 tons prepared at Marvine Breaker, 2nd District.							
(h) - 4,257 tons prepared at Bolands Breaker.						(r) - 2,969 tons prepared at Powderly Breaker.							
(i) - 883 tons prepared at Bolands Breaker						(q2) - 5,640 tons prepared at Marvine Breaker, 2nd District.							
276 tons prepared at Northwest Breaker						(r) - 1,115 tons prepared at Bolands Breaker.							
(j) - 6,020 tons prepared at Bolands Breaker.						580 tons prepared at Northwest Breaker.							
(k) - 3,756 tons prepared at Raymond Breaker.						255 tons prepared at Ice Coal Breaker, 2nd District.							
(l) - 125 tons prepared at Pompey Breaker.						(s) - 216 tons prepared at Bolands Breaker.							
(m) - 1,125 tons prepared at Northwest Breaker.						602 tons prepared at Northwest Breaker.							

Operators and Collieries	County	District 2			District 3			District 4			District 5		
		Production - net tons			Production - net tons			Production - net tons			Production - net tons		
		Shipped to market	Sold to local trade	Used at colliery	Shipped to market	Sold to local trade	Used at colliery	Shipped to market	Sold to local trade	Used at colliery	Shipped to market	Sold to local trade	Used at colliery
Kazzone Coal Co.													
No. 8 Drift	DM	Lackawanna	3,217	1,439	3,812	-	8,468	1	10,400	-	137	16	-
Mid-Valley Coal Co.	DM	Lackawanna	1,178	-	963	-	2,141	m	4,825	2,500	166	12	-
Mid-Valley Products Co.	DM	Lackawanna	445	126	377	12	960	n	175	-	64	5	-
No. 12 Slope	DM	Lackawanna	120,124	29,698	35,481	485	185,788	86,875	1,425	221	274	-	51
Moffat Coal Co., Inc.	DM	Lackawanna	911	224	267	-	1,402	-	1,235	20	6	-	-
Continental Slope	S	Lackawanna	1,266	476	577	-	2,979	4,650	2,100	190	5	-	-
Continental Strip	DM	Lackawanna	23,638	5,844	7,077	-	36,559	37,000	-	199	64	-	10
No. 15 Slope	DM	Lackawanna	166,599	36,242	43,402	485	226,728	0	128,525	3,650	349	-	62
Pine Slope	Total												
Mountain Slope Coal Co.													
Sibley Coll. Mt. Slope	DM	Lackawanna	6,273	3,930	4,041	-	14,244	p	41,300	1,200	247	16	-
N. & R. Coal Co.	bk	Lackawanna	-	1,324	-	-	1,324	q	-	-	54	2	-
Bank													
North Coal Co.	BP	Lackawanna	-	-	-	-	-	-	-	-	211	134	-
Marvine Breaker	BP	Lackawanna	-	-	-	-	-	-	-	-	188	19	-
Old Forge Coal Co., Inc.	BP	Lackawanna	-	-	-	-	-	-	-	-	47	5	-
Morgan Breaker	BP	Lackawanna	-	-	-	-	-	-	-	-	273	23	-
Olyphant Colliery Co.	bk	Lackawanna	2,656	756	2,249	73	5,734	-	-	-	-	-	-
Olyphant Bank	Main	Lackawanna	2,656	756	2,249	73	5,734	e	-	-	-	-	-
Electric Power Plant													
Total													
P. R. & S. Coal Co., Inc.													
P. R. & S. Strip	S	Lackawanna	93	85	118	-	296	s	-	-	17	3	-
Riverdale Industries Co., Inc.	DM	Lackawanna	338	-	1,014	-	1,352	t	2,625	970	170	5	-
No. 1 & 2 Slopes	Turnpike Coal Co.	DM	2,862	7,053	7,932	-	17,847	u	27,475	450	233	36	-
Deep Mines	DM	Lackawanna	9,013	5,954	11,360	-	26,327	v	35,650	3,850	242	37	-
Village Slope Coal Co.	DM	Lackawanna	184,191	60,366	88,969	605	334,131	b	293,250	14,570	202	742	91
Underwood Slope	District Total												
DM = Deep Mined	S = Stripping	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank	B = Bank
(a) = 2,520 tons prepared at Bel Air Breaker, District 11,	(S)	(B)	(B)	(B)									
1,005 tons prepared at Morgan Breaker.													
(b) = All coal prepared at Ace Breaker.													
(c) = All coal prepared at Raymond Breaker, District 11, began operation in December, 1961.													
(d) = All coal prepared at Pompy Breaker, District 1.													
(e) = All coal prepared at Bolands Breaker, District 1.													
(f) = All coal prepared at Raymond Breaker, District 1 - operated in March only.													
(g) = 429 tons prepared at Bel Air Breaker, District 11, 1,013 tons prepared at Morgan Breaker - operated during April and May only.													

Washery

		District 2		District 3			
		Production	- Net tons	Used at	Pounds	Days	
County	Railroad	Shipped to market: By railroad	Sold to local trade	Colliery for steam and heat	dynamite used	worked	Fatal accidents
Chesapeake and Ohio Coal Miners and Colliers							Non-fatal accidents
(h) - All coal prepared at Ace Breaker - ceased operation in May.		(s) - All coal prepared at Penbrook Breaker - District 1, operated during June only.					
(i) - All coal prepared at Monroe Breaker.		(t) - All coal prepared at Bolands Breaker - District 1.					
(j) - All coal prepared at Marvin Breaker.		(u) - 8,055 tons prepared at Penbrook Breaker.					
(k) - 5,105 tons prepared at Bel Air Breaker - District 11.		9,041 tons prepared at Penbrook Breaker - District 1.					
2,593 tons prepared at Bolands Breaker - District 11.		751 tons prepared at Pompey Breaker - District 1.					
310 tons prepared at Raymond Breaker - District 1.		(v) - 961 tons prepared at Morgan Breaker.					
(l) - All coal prepared at Pompey Breaker - District 1.		9,300 tons prepared at Penbrook Breaker - District 1.					
(m) - All coal prepared at Bolands Breaker - District 1.		9,157 tons prepared at Pompey Breaker - District 1.					
(n) - All coal prepared at Marvin Breaker.		6,900 tons prepared at Raymond Breaker - District 1.					
(o) - All coal prepared at Taylor Breaker - District 3.							
(p) - 608 tons prepared at Ace Breaker.							
11,110 tons prepared at Raymond Breaker - District 1.							
2,526 tons prepared at Bel Air Breaker - District 11.							
(q) - All coal prepared at Monroe Breaker - District 3.							
(r) - All coal prepared at Marvin Breaker.							
		Deep Mined -	315,576				
		Striping -	6,954				
		Bank -	11,601				
		Total -	334,131				

Harris & Walsh)

District 5 – became part of Districts 2 and 3 on January 1, 1961.

District 7						
	3,500	10,250	135	46,793 a	-	237
32,858						
364	40	189	8	601 b	3,300	6,025
-	-	-	-	-	-	-
106,371	25,561	54,678	1,350	189,960 c	-	759,840
5,121	3,000	1,650	3	9,824 d	-	54,791
411	58	208	9	686 e	-	84
294	28	132	6	420 f	-	11
114,521	28,737	56,857	1,376	201,491	3,300	820,656
						203
						-
						12

) - Coal loaded from 1960 - storage only.

				DISTRICT
C. B. M. Coal Co.	bk	Luzerne	32,858	10,250
Lance Fuel Bank				
Glen Alden Corp.	DM	Luzerne	364	40
Loonis Colliery				
Nanticoke Power Plant	S	Luzerne	108,371	25,561
Bliss Strip	S	Luzerne	5,121	3,050
Wanamie Strip	DM	Luzerne	411	58
No. 351 Slope	DM	Luzerne	254	28
Grand Tunnel				
Total			28,737	56,850
Mountain Slope Coal Co.	DM	Luzerne	483	120
No. 1 Slope				

Operators and Collieries	District 7										District 10 - became part of District 11 on January 1, 1961.									
	Production - net tons		Shipped to market:		Used at colliery:		Pounds explosive used:		Pounds dynamite used:		Days worked:		Empl. eyes:		Fatal acci-		Non-fatal acci-			
	Railroad	By truck:	Sold local	for steam heat	Total production:	used:	Total production:	used:	Total production:	used:	Days worked:	eyes:	Dents:	Dents:	Dents:	Dents:	Dents:	Dents:	Dents:	Dents:
Pyramid Coal Co., Loomis Breaker	B	bk	Luzerne	90,360	81,754	43,028	1,268	216,410	-	-	193	56	-	-	-	-	-	-	-	5
Susquehanna Coal Co., Wanamie Strip	S		Luzerne	47,311	39,426	11,827	-	98,564 h	-	2,141,518	243	60	-	-	-	-	-	-	-	6
No. 2 Slope	DM		Luzerne	3,908	3,257	977	-	8,442 i	-	-	-	-	-	-	-	-	-	-	-	-
No. 2A Slope	DM		Luzerne	3,957	3,297	990	-	8,244 j	-	-	-	-	-	-	-	-	-	-	-	-
Total				55,176	45,980	13,794	-	114,950	-	2,141,518	-	-	-	-	-	-	-	-	-	-
District Total	bk		Bank	293,398	160,141	124,130	2,779	580,448	3,480	2,962,174	234	332	-	-	-	-	-	-	-	23
DM - Deep Mined	S - Stripping										W - Washery									
(a) - Bank coal.	27,604 tons prepared at Woodward Breaker - District 11.										(g) - Mining discontinued during September, 1961. All coal prepared at Bel Air Breaker - District 11.									
(a) - Bank coal.	22,634 tons prepared at Marvine Breaker - District 2.										(h) - BP - Breaker Preparation Only									
(b) - Mine being rehabilitated after being idle since February, 1959.	21,355 tons prepared at W. W. Coal Sales Washery - District 11.										(i) - 90,445 tons prepared at Glen Lyon Breaker - District 11.									
(b) - Mine being rehabilitated after being idle since February, 1959.	All coal prepared at Looe Breaker - District 11.										8,119 tons prepared at Bel Air Breaker - District 11.									
(c) - 83,161 tons prepared at Woodward Breaker - District 11.	All coal prepared at Looe Breaker - District 11.										(i) - Stock coal mined during 1960. Mine abandoned.									
(c) - 83,161 tons prepared at Woodward Breaker - District 11.	9,182 tons prepared at Pompey Breaker - District 11.										6,752 tons prepared at Glen Lyon Breaker - District 11.									
(d) - 97,617 tons prepared at Looe Breaker - District 11.	1,390 tons prepared at Bel Air Breaker - District 11.										1,390 tons prepared at Bel Air Breaker - District 11.									
(e) - All coal mined at Huber Breaker - District 13.	6,891 tons prepared at Huber Breaker - District 13.										(j) - Stock coal mined during 1960. Mine abandoned.									
(f) - Mine being rehabilitated after being idle since February, 1960.	50 tons prepared at Huber Breaker - District 13.										6,891 tons prepared at Huber Breaker - District 13.									
All coal prepared at Looe Breaker - District 11.	(g) - All coal prepared at Looe Breaker - District 11.										(h) - 5,804 tons prepared at Bel Air Breaker - District 11.									
District 11	Deep Mined -										18,897									
	Stripping -										299,348									
	Bank -										263,203									
	Total -										580,448									
A. S. V. Coal Co., Stevens Strip	S		Luzerne	672	325	1,647	34	2,678 a	-	-	310	153	3	-	-	-	-	-	-	-
B. A. F. Coal Co., No. 62 Slope	DM		Luzerne	1,252	680	3,500	70	5,502 b	4,500	-	200	9	-	-	-	-	-	-	-	-
Bel Air Coal Co., Bel Air Breaker	BP		Luzerne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bliss Coal Co., Bliss Strip	B	S	Sullivan	-	-	-	11,147 c	-	-	100	298	8	-	-	-	-	-	-	-	-
Bonsi Coal Co., No. 56 & No. 63 Slopes	DM		Luzerne	965	820	1,640	-	3,425 d	3,200	1,050	182	6	-	-	-	-	-	-	-	-
Bylite Corp., Bylite Breaker	B	bk	Luzerne	-	-	-	2,084 e	-	-	-	-	53	17	-	-	-	-	-	-	-

Operators and Collieries	County	District 11			Pounds			Days			Empl-			Non-	
		Production - net tons		Used at	Total	Permit-	Dynamite	worked	eyes	Fatal	Fatal	accidents	accidents	accidents	accidents
		Shipped to market	Sold	colliery	used	explosives	used	worked	dents	accidents	accidents	accidents	accidents	accidents	accidents
By	By	By	By	local	for steam	Total	Total	days	eyes	accidents	accidents	accidents	accidents	accidents	accidents
By railroad	truck	trade	and heat	production:	used	used	used	worked	dents	accidents	accidents	accidents	accidents	accidents	accidents
C. B. M. Coal Co.	bk	Luzerne	-	12,420	-	12,420	f	-	90	4	-	-	-	-	-
Stanton Bank	S	Luzerne	-	1,920	-	1,920	g	180	-	46	4	-	-	-	-
Laflin Strip	bk	Luzerne	-	1,836	-	1,836	h	-	14	5	-	-	-	-	-
Laurel Run Bank	bk	Luzerne	-	-	-	-	-	-	243	2	-	-	-	-	-
Maintenance	bk	Total	-	16,176	-	16,176	-	180	-	15	-	-	-	-	-
Capone Coal Co.	bk	Luzerne	1,860	942	4,681	1,08	7,591	i	7,800	-	238	10	-	2	-
Miners Mills Colliery	DM	Luzerne	14,102	5,600	36,320	1,015	59,437	j	66,755	-	299	24	-	-	-
Prospect Strip	S	Luzerne	3,280	1,060	5,780	130	10,250	k	-	102	2	-	-	-	-
Henry Bank	bk	Total	19,1242	7,602	48,781	1,253	76,878	74,555	22,681	36	-	-	-	-	-
Dicksville Coal Co.	B	Luzerne	-	-	8,440	-	8,440	1	8,375	-	151	15	-	3	-
Maliby Colliery	DM	Luzerne	-	-	2,710	-	2,710	m	95	-	208	4	-	-	-
E. & B. Coal Sales	B	Sullivan	-	-	-	-	-	-	-	-	-	-	-	-	-
Booth Strip	B	Sullivan	-	-	-	-	-	-	-	-	-	-	-	-	-
Gigliello Coal Co.	DM	Luzerne	2,434	1,164	5,728	124	9,450	n	900	350	220	11	-	1	-
Even	bk	Glen Alden Corp.	8,391	4,653	3,090	28	16,162	o	68,000	-	288	23	-	-	-
Empire-Kidder Strip	DM	Luzerne	25,925	3,033	13,820	596	43,374	p	48,000	6,000	244	51	-	1	-
South Wilkes-Barre	DM	Luzerne	28,319	10,883	12,279	-	51,481	q	35,950	-	104	145	1	16	-
Woodward Breaker	B	Total	62,635	18,569	29,189	624	111,017	q	151,950	6,000	219	1	17	-	-
Hudson Coal Co.	S	Luzerne	43,914	12,487	37,184	1,210	94,795	r	240,000	105,938	233	40	-	-	-
Baltimore Strip	S	Luzerne	28,236	8,027	23,907	778	60,948	r	62,000	14,250	300	35	-	3	-
Delaware Strip	S	Luzerne	27,380	3,293	14,818	633	46,124	s	270,000	13,000	197	125	1	8	-
Loree Breaker	B	Total	99,530	23,807	75,909	2,621	201,867	572,000	133,188	200	1	11	-	-	-
Indian Head Coal Co.	BP	Luzerne	-	-	-	-	-	-	-	-	-	-	-	2	-
Harry E. Breaker	BP	Luzerne	-	-	-	-	-	-	-	-	-	-	-	-	-
K. P. T. Coal Co.	DM	Luzerne	-	-	331	-	331	l	275	1,890	74	5	-	-	-
Red Ash Drift	S	Luzerne	2,241	906	2,652	-	5,799	t	2,850	-	149	5	-	-	-
Kaminski Bros., Inc.	BP	Luzerne	-	-	-	-	-	-	-	-	152	2	-	-	-
Booth Strip	BP	Kassa Coal Co.	11,172	4,650	22,851	478	39,151	u	43,250	7,450	241	56	-	5	-
Kassa Breaker	DM	Luzerne	-	-	-	-	-	-	-	-	28	3	-	-	-
Laflin Heights Coal Co.	bk	Laflin	11,172	4,650	6,041	-	478	45,192	43,250	7,450	28	3	-	5	-
Laflin Bank	Total	-	4,650	28,189	-	-	-	-	-	-	59	-	-	-	-

District 11										District 12									
Operators and Collieries		County	Production - net tons			Used at			Pounds			Days			Empl- ac-			Non-	
Lehigh Valley Anthracite, Inc.	Dorrance Breaker		Shipped to market:	Sold	Used at	Colliery	Total	Pounds	dynamite	days	worried	eyes	fatal	acci-	fatal	acci-	Non-		
M. S. L. Coal Co.	Nardone's No. 12 Slope	DM	Luzerne	205	60	260	-	525 b	1,200	50	90	3	-	-	-	-			
Masic Coal Co.	Stevens Colliery	DM	Luzerne	1,035	350	1,080	-	2,465 v	1,160	-	129	5	-	-	-	-			
N. & R. Coal Co.	William A. Bank	bk	Luzerne	-	-	4,611	-	4,611 k	-	-	21	7	-	-	-	-			
Number One Contracting Co.	Franklin Colliery	DM	Luzerne	32,708	17,611	12,579	1,046	63,944 w	7,112	-	221	76	-	-	-	-			
Franklin Strip	Gaylord Strip	S	Luzerne	41,536	37,641	19,857	-	113,134 w	-	399,177	294	18	-	-	-	-			
Kidder Strip	Total	S	Luzerne	62,975	56,977	29,988	-	149,940 x	-	140,871	250	34	-	-	-	-			
William A. Bank	Franklin Colliery	bk	Luzerne	56,928	87,678	46,152	-	230,758 v	-	704,354	298	92	-	-	-	-			
Number Fourteen Coal Co.	Total	bk	Luzerne	234,247	199,907	108,576	1,046	543,776	7,112	1,244,402	220	-	-	-	-	-			
No. 14 Colliery	Oliver Coal Co.	bk	Luzerne	-	-	1,352	-	1,352 b	-	-	10	3	-	-	-	-			
No. 14 Drifts	Pastusik Bros.	DM	Luzerne	2,265	1,084	5,330	115	8,794 n	6,200	-	267	13	-	-	-	-			
White Ash Slope	B	DM	Sullivan	-	-	2,677	-	2,677 z	1,950	-	240	4	-	-	-	-			
Popple, Inc., R. A.	Senecca Bank	bk	Luzerne	-	-	17,507	-	17,507	-	-	92	2	-	-	-	-			
No. 9 Bank	Total	bk	Luzerne	-	-	51,181	-	51,181	-	-	106	5	-	-	-	-			
Rushbrook Coal Co.	Ewan - No. 6 Strip	S	Luzerne	-	-	642	-	642 aa	-	-	10	2	-	-	-	-			
Sullivan Trail Coal Co.	Maintenance	W	Luzerne	-	-	-	-	-	-	-	249	139	-	-	-	-			
Talamelli Coal Co.	Westmoreland Colliery	DM	Luzerne	19,872	9,215	36,660	-	65,747 bb	87,500	800	274	66	-	-	-	-			
Dial Rock Bank	Total	bk	Luzerne	19,872	9,215	5,806	-	5,806 k	-	71,553	87,500	800	111	4	-	-			
W. W. Coal Sales	W. W. Coal Sales Washery	W	Luzerne	-	-	-	-	-	-	-	90	9	-	-	-	-			
Wyoming Co.	No. 14 Silt Bank	bk	Luzerne	5,195	13,564	-	-	18,759 cc	-	-	87	5	-	-	-	-			
DM = Deep Mined	District Total	bk	Luzerne	46,362	282,703	474,508	6,365	1,226,538	967,252	1,418,231	207,1,200	2	-	-	-	-			
(a) 1,363 tons prepared at Morgan Breaker - District 2.	BP = Breaker Preparation Only.	bk = Bank	W = Washery																

Operators and Collieries		District 11			District 12			District 13			
County	Railroad	Shipped to market: By railroad	Shipped to market: By truck	Sold Used at colliery	Total local trade	Total for steam and heat	Pounds dynamite used	Pounds dynamite used	Days worked	Empl- oyees	Non- fatal acci- dents
(b) - All coal prepared at Bel Air Breaker.				(r) - All coal prepared at Marvine Breaker - District 2.							
(c) - All coal prepared at Blits Breaker.				(s) - 3,495 tons prepared at Marvine Breaker - District 2.							
(d) - All coal prepared at Bel Air Breaker.				(t) - 42,179 tons prepared at Lorette Breaker.							
(e) - All coal prepared at Bylite Breaker.				(u) - 25,889 tons prepared at Pompey Breaker - District 1.							
(f) - All coal prepared at Bellevue Washery - District 3.				(v) - 4,925 tons prepared at Morgan Breaker - District 2.							
(g) - All coal prepared at DeAngelis Breaker, District 1.				(w) - 8,337 tons prepared at Bel Air Breaker.							
(h) - Five coal sold direct to local power plants.				(x) - 1,548 tons prepared at Bel Air Breaker.							
(i) - 1,395 tons prepared at Dorrance Breaker.				(y) - 917 tons prepared at Morgan Breaker - District 2.							
6,196 tons prepared at Morgan Breaker - District 2.				(z) - 1,376 tons prepared at Dorrance Breaker.							
(j) - 28,173 tons prepared at Morgan Breaker.				(aa) - All coal prepared at Pasture Breaker.							
30,964 tons prepared at Dorrance Breaker.				(ab) - 94 tons prepared at Bel Air Breaker,							
(k) - 4,456 tons prepared at Morgan Breaker - District 2.				(ac) - 88 tons prepared at Ace Breaker - District 2.							
5,734 tons prepared at Dorrance Breaker.				(bb) - 460 tons prepared at Northwest Breaker - District 1.							
(l) - All coal prepared at Dicksville Breaker.				(cc) - 59,200 tons prepared at Northwest Breaker - District 1.							
(m) - All coal prepared at E. & B. Coal Sales.				(dd) - 5,880 tons prepared at Pompey Breaker - District 1.							
(n) - All coal prepared at Morgan Breaker - District 2.				(ee) - 367 tons prepared at Dicksville Breaker.							
(o) - 1,782 tons prepared at Huber Breaker - District 2.				(ff) - All coal prepared at No. 1 Washery - District 3.							
14,380 tons prepared at Huber Breaker - District 13.											
(p) - 156 tons prepared at Woodward Breaker.											
40,830 tons prepared at Lorette Breaker.											
2,388 tons prepared at Marvine Breaker - District 2.											
(q) - Mine abandoned May 19, 1961. Breaker Preparation discontinued											
October 14, 1961. All coal prepared at Woodward Breaker.											
Bartoli Construction Co., Gene Sugar Notch-Warrior Run Bank Glen Alden Corp.	Luzerne	-	46,199	-	-	46,199	9	-	-	103	9
Buttonwood Colliery	DM										
Buttonwood Strip	S	11,606	2,384	6,644	229	20,863	a	12,125		103	47
Huber Colliery	B	33,225	8,548	19,425	636	61,934	b	-		285	44
Sugar Notch Colliery	DM	281,505	164,397	88,938	161	535,001	c	485,100		248	732
Sugar Notch Strip	S	120,211	52,778	51,620	1,042	225,661	d	200,075		150	259
Truedale Colliery	DM	5,273	3,080	1,666	3	10,022	e	43,000		288	33
Truedale Strip	S	150,908	31,798	79,691	2,655	265,052	f	202,925		11,430	294
Total		622,713	269,279	264,044	5,021	900,225		92,390		110	214
						317,775					

Operators and Collieries		United Gas Improvement Co.		District Total		District 13		Production - net tons		Pounds		Non-fatal accidents		
County	City	bk	Luzerne	bk	Mined	S - Stripping	bk	Shipped to market	Used at colliery	Total	Pounds dynamite used	Days worked	Empl oyees	Fatal acci dents
Huber Bank	DM - Deep Mined			625,713	36,020					36,020	q	-	130	8
		bk - Bank		351,498	264,044					5,021	1,246,276	317,775	241	1,413
					B - Breaker							BP - Breather Preparation Only.		214
								(a) -	1,402 tons prepared at Huber Breaker.					
									2,076 tons prepared at Woodward Breaker - District 11.					
									4,046 tons prepared at Marvin Breaker - District 5.					
									440 tons prepared at Pompey Breaker - District 1.					
									11,999 tons prepared at Lorette Breaker - District 11.					
								(b) -	9,680 tons prepared at Huber Breaker.					
									4,617 tons prepared at Woodward Breaker - District 11.					
									21,924 tons prepared at Marvin Breaker - District 5.					
									187 tons prepared at Pompey Breaker - District 1.					
									25,526 tons prepared at Lorette Breaker - District 11.					
								(c) -	545,023 tons prepared at Huber Breaker.					
								(d) -	143,1942 tons prepared at Huber Breaker.					
									71,150 tons prepared at Woodward Breaker - District 11.					
									32,508 tons prepared at Marvin Breaker - District 5.					
									42,061 tons prepared at Lorette Breaker - District 11.					
												(g) - All coal shipped unprepared.		
												Deep Mined	1,046,577	
												Stripping	-	117,480
												Bank		82,219
												Total		1,246,276

District 15

		District 15				District 16			
Operators and Collieries		Production = net tons		Pounds dynamite used		Pounds explosives used		Non-fatal accidents	
County		Sold to colliery	Used at steam and heat	Total production	Days worked	Days worked	Employees	Fatal accidents	
Pollack Trucking Co.									
Beaver Meadow Bank	bk	Carbon	-	74,598	-	-	167	14	-
Racho, George	bk	Luzerne	4,414	4,395	488	94	95	9	-
Stockton Bank									
Rodino Trucking Co., Peter									
Shepton Strip	S	Schuylkill	963	5,887	106	21	9,140	240	12
Sandy Run Miners & Producers, Inc.									
Upper Lehigh Breaker	B	Luzerne	-	-	-	-	79	18	-
Upper Lehigh Strip	S	Luzerne	-	4,500	3,250	7,750	-	150	9
Stockton Mining Co.									
No. 1 Slope	Dm	Luzerne	-	2,615	-	2,615 p	-	8,964	166
Sullivan Trail Coal Co.									
Beaver Meadow Strip	S	Carbon	70,107	16,300	13,227	-	407,299	283	75
Harwood Strip	S	Luzerne	268,292	58,795	40,422	-	817,047	293	101
Spring Mountain Strip	S	Carbon	60,000	12,217	6,378	-	559,940	219	36
Total			398,359	87,312	60,027	545,698 a	-	1,784,286	212
District Total			928,327	658,540	198,973	6,333	1,792,173	38,270	5,040,079
bk = Bank		B = Stripping							210,1,277
DM = Deep Mined		S = Stripping							2
(a) - All coal prepared at Hazleton Shaft Breaker.									42
(b) - All coal prepared at Honeybrook Breaker.									
(c) - All coal prepared at Beaver Brook Breaker.									
(d) - All coal prepared at Gowen Breaker.									
(e) - All coal prepared at Lion Breaker.									
(f) - All coal prepared at Jedd No. 7 Breaker.									
(g) - Ceased operations during August, 1961.									
(h) - All coal prepared at Highland No. 5 Fine Coal Plant.									
(i) - 4,410 tons prepared at Upper Lehigh Breaker.									
(j) - Ceased operations during July, 1961.									
(k) - All coal prepared at Hazleton Breaker.									
BP = Breaker Preparation Only.									
(l) - All coal prepared at Minerals Breaker.									
(m) - All coal shipped unprepared to market.									
(n) - 0.05 tons prepared at Beaver Brook Breaker.									
(o) - 2,934 tons prepared at Blasbach Breaker - District 26.									
(p) - 950 tons prepared at Atkins Breaker - District 26.									
(q) - 1,042 tons prepared at Lehigh Park Breaker - District 26.									
(r) - All coal prepared at Upper Lehigh Breaker.									
(s) - All coal prepared at Greybush Breaker.									
Deep Mined							91,854		
Stripping							1,249,476		
Bank							<u>450</u> ,843		
Total							<u>1,792,173</u>		

A. & J. Coal Co.,
Middle Split Slope
B. & C. Coal Co.,
No. 2 Vein Slope

District 16

County		Production = net tons	Pounds dynamite used	Days worked	Employees	Fatal accidents
DM	Schuylkill	5,976	16,877	1,750	216	26,819 a
DM	Schuylkill	7,357	3,684	959	-	12,000 b

(a) - All coal prepared at Minerals Breaker.

(b) - All coal shipped unprepared to market.

(n) - 0.05 tons prepared at Beaver Brook Breaker.

(o) - 2,934 tons prepared at Blasbach Breaker - District 26.

(p) - 950 tons prepared at Atkins Breaker - District 26.

(q) - 1,042 tons prepared at Lehigh Park Breaker - District 26.

(r) - All coal prepared at Upper Lehigh Breaker.

(s) - All coal prepared at Greybush Breaker.

(t) - All coal prepared at Minerals Breaker.

(u) - All coal prepared at Middle Split Slope.

(v) - All coal prepared at No. 2 Vein Slope.

(w) - All coal prepared at C. & B. Coal Co.

(x) - All coal prepared at A. & J. Coal Co.

(y) - All coal prepared at Middle Split Slope.

(z) - All coal prepared at No. 2 Vein Slope.

(aa) - All coal prepared at C. & B. Coal Co.

(bb) - All coal prepared at A. & J. Coal Co.

(cc) - All coal prepared at Middle Split Slope.

(dd) - All coal prepared at No. 2 Vein Slope.

(ee) - All coal prepared at C. & B. Coal Co.

(ff) - All coal prepared at A. & J. Coal Co.

(gg) - All coal prepared at Middle Split Slope.

(hh) - All coal prepared at No. 2 Vein Slope.

(ii) - All coal prepared at C. & B. Coal Co.

(jj) - All coal prepared at A. & J. Coal Co.

(kk) - All coal prepared at Middle Split Slope.

(ll) - All coal prepared at No. 2 Vein Slope.

(mm) - All coal prepared at C. & B. Coal Co.

(nn) - All coal prepared at A. & J. Coal Co.

(oo) - All coal prepared at Middle Split Slope.

(pp) - All coal prepared at No. 2 Vein Slope.

(qq) - All coal prepared at C. & B. Coal Co.

(rr) - All coal prepared at A. & J. Coal Co.

(ss) - All coal prepared at Middle Split Slope.

(tt) - All coal prepared at No. 2 Vein Slope.

(uu) - All coal prepared at C. & B. Coal Co.

(vv) - All coal prepared at A. & J. Coal Co.

(ww) - All coal prepared at Middle Split Slope.

(xx) - All coal prepared at No. 2 Vein Slope.

(yy) - All coal prepared at C. & B. Coal Co.

(zz) - All coal prepared at A. & J. Coal Co.

(aa) - All coal prepared at Middle Split Slope.

(bb) - All coal prepared at No. 2 Vein Slope.

(cc) - All coal prepared at C. & B. Coal Co.

(dd) - All coal prepared at A. & J. Coal Co.

County	Production - net tons			Pounds dynamite used			Pounds explosive used			Days worked			Empl. oves. dents.			Non-fatal acci- dents.		
	Shipped to market:		Sold to local colliery	Permit- able ex- plosives used:		Total production:	Pounds dynamite used		Days worked		Empl. oves. dents.		Fatal acci- dents.		Non-fatal acci- dents.		Non-fatal acci- dents.	
	By railroad	By truck	for steam and heat	by local trade	by truck	Total production:	by rail	by road	by rail	by road	by rail	by road	by rail	by road	by rail	by road	by rail	by road
B. & H. Coal Co.																		
B. & M. Tunnel	DM	Schuylkill	-	12,000	-	-	12,000	c	11,000	-	240	8	-	-	-	-	-	-
Bixler Coal Co.	BP	Schuylkill	-	-	-	-	-	-	-	-	274	2	-	-	-	-	-	-
Bush Coal Co.	DM	Schuylkill	3,442	86,665	3,165	95	93,367	d	60,000	-	266	41	-	-	-	-	-	5
C. K. S. Coal Co.	DM	Schuylkill	3,034	18,070	7,508	-	28,612	e	25,000	-	289	9	-	-	-	-	-	2
Clark Coal Co.	DM	Schuylkill	6,966	19,672	2,040	252	28,930	a	14,625	-	322	17	-	-	-	-	-	3
Skidmore Slope	DM	Schuylkill	6,852	7,068	2,014	-	15,934	f	8,000	-	300	5	-	-	-	-	-	-
D. K. L. M. Coal Co.	DM	Schuylkill	-	5,984	-	-	5,984	g	11,950	-	239	7	-	-	-	-	-	-
No. 2 Vein Slope	DM	Schuylkill	12,670	17,636	8,967	-	39,273	h	13,100	-	305	15	-	-	-	-	-	-
E. E. & H. Coal Co.	DM	Schuylkill	86	7,644	-	70	7,800	i	10,400	-	260	5	-	-	-	-	-	-
No. 2 Middle Split Slope	DM	Schuylkill	20	3,629	-	16	3,665	j	3,100	-	151	10	-	-	-	-	-	-
Erden Coal Co.	DM	Schuylkill	324	28,339	-	254	28,917	k	12,200	-	284	18	-	-	-	-	-	-
Middle Split Slope	DM	Schuylkill	2,646	7,473	817	53	10,989	a	8,400	-	296	8	-	-	-	-	-	2
Harman Coal Co.	DM	Schuylkill	2,547	1,565	748	-	4,860	k	4,675	-	187	6	-	-	-	-	-	-
Harp Coal Co.	DM	Schuylkill	2,409	22,374	2,586	59	27,428	l	22,000	-	301	15	-	-	-	-	-	4
Four Foot Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	280	36	-	-	-	-	-	-
High Test Coal Co.	DM	Schuylkill	-	-	-	-	-	-	-	-	240	8	-	-	-	-	-	-
Skidmore Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	305	15	-	-	-	-	-	-
J. J. & C. Coal Co.	DM	Schuylkill	-	-	-	-	-	-	-	-	289	9	-	-	-	-	-	-
Skidmore Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	322	17	-	-	-	-	-	-
J. J. & S. Coal Co.	DM	Schuylkill	-	-	-	-	-	-	-	-	300	5	-	-	-	-	-	-
Middle Split Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	305	15	-	-	-	-	-	-
Kehler Coal Co.	DM	Schuylkill	-	-	-	-	-	-	-	-	305	15	-	-	-	-	-	-
Middle Split Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	305	15	-	-	-	-	-	-
Kocher Coal Co.	BP	Schuylkill	-	-	-	-	-	-	-	-	280	36	-	-	-	-	-	-
Koppenhaver Coal Co.	DM	Schuylkill	1,858	8,972	565	67	11,462	m	17,000	-	240	8	-	-	-	-	-	-
Buck Mountain Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	296	8	-	-	-	-	-	-
L. & C. Coal Co.	DM	Schuylkill	1,834	1,127	539	-	3,500	k	2,100	-	195	5	-	-	-	-	-	-
Primrose Slope	DM	Schuylkill	17,116	3,874	1,850	-	22,900	n	7,655	-	240	8	-	-	-	-	-	-
L. & S. Coal Co.	DM	Schuylkill	104	9,135	-	82	9,321	o	12,800	-	305	8	-	-	-	-	-	-
Primrose Slope	DM	Schuylkill	-	-	-	-	-	-	-	-	296	8	-	-	-	-	-	-
Legal Coal Co.	DM	R.P. Schuylkill	-	-	-	-	-	-	-	-	296	8	-	-	-	-	-	-
Legal Coal Co.	DM	Schuylkill	-	-	-	-	-	-	-	-	296	8	-	-	-	-	-	-

Operators and Collieries	County	District 16		Pounds permis- sible ex- plosives	Pounds dynamite used	Days Empl- oyees	Days work- ed	Non- fatal acci- dents
		Production - net tons	Used at colliery					
(a)	All coal prepared at Kocher Breaker.							
(b)	5,202 tons prepared at Anthracite Fine Coals, Inc. - District 25.							
	4,885 tons shipped to P. & W. V. Ramp - District 30.							
	315 tons prepared at Peneg Breaker - District 25.							
	1,791 tons prepared at Kelly Breaker - District 30.							
	207 tons prepared at Kocher Breaker.							
(c)	All coal prepared at Underkoffler Breaker - District 30.							
(d)	12,974 tons prepared at Pine Creek Breaker - District 30.							
	1,272 tons prepared at Deaven Breaker - District 25.							
	38,083 tons prepared at Underkoffler Breaker - District 30.							
	10,929 tons prepared at Kocher Breaker.							
	13,509 tons prepared at Direno Breaker - District 21.							
	2,372 tons prepared at Strohecker Breaker - District 30.							
	8,696 tons prepared at Schneek Breaker - District 25.							
	3,700 tons prepared at Franklin Miller Breaker - District 25.							
	1,831 tons prepared at Swatara Breaker - District 25.							
(e)	19,595 tons prepared at Koch Breaker - District 25.							
	568 tons prepared at Peneg Breaker - District 25.							
	4,912 tons prepared at Anthracite Fine Coal, Inc. - District 25.							
	3,537 tons prepared at Kelly Breaker - District 25.							
(f)	13,077 tons prepared at Anthracite Fine Coals, Inc. - District 25.							
	2,887 tons prepared at Kelly Breaker - District 30.							
(g)	All coal prepared at Pine Creek Breaker - District 30.							
(h)	13,929 tons prepared at Schneek Breaker - District 25.							
	11,172 tons prepared at Deaven Breaker - District 25.							
	7,880 tons prepared at Underkoffler Breaker - District 30.							
	2,659 tons prepared at Old Mill Breaker - District 21.							
	2,093 tons prepared at Hillside Breaker - District 25.							
	1,550 tons prepared at K. & P. Breaker - District 21.							
(i)	All coal prepared at Legal Breaker							
(j)	1,845 tons prepared at Pine Creek Breaker - District 30.							
	1,820 tons prepared at Legal Breaker.							
(k)	All coal prepared at Anthracite Fine Coal, Inc. - District 25.							
(l)	9,676 tons prepared at Pine Creek Breaker - District 30.							
	6,625 tons prepared at Legal Breaker.							
	1,665 tons prepared at Strohecker Breaker - District 30.							
	4,290 tons prepared at Peneg Breaker - District 25.							
	337 tons prepared at Kelly Breaker - District 30.							

		District 17		District - net tons		Pounds		Non-	
		Production	Sold	Used at	Permis-	Pounds	Fatal	Fatal	
		Shipped to market	to	colliery	sible ex-	dynamite	Days	Days	
		By railroad	By truck	local trade	production	plowes used	worked	over	accidents dents
Operators and Collieries		County		Total	permis-	Pounds			
Reed Mining Co.		Northumberland	3,035	3,427	86	8,624 n	3,100	325	209
Springfield Coal Co.		DM	6,922	1,675	56	11,165 o	8,500	-	9
No. 2 & 3 Slopes		aa							-
No. 1 Drift Coal Co.		bb							-
Trevortown Coal Co. w		DM							-
Trevortown S-5 Strip x		BP	Northumberland	116,811	19,347	53,728	82	189,968 l	93
Trevortown S-5 Strip y		S	Northumberland	3,479	627	1,597	-	5,703 m	81
Trevortown S-15 Strip z		S	Northumberland	120,290	19,274	55,325	82	195,671	206
Total				209,455	111,603	98,176	277	419,701	3
District Total					B - Bank			100,675	166,965
DM - Deep Mined					B - Breaker			133	407
S - Stripping					(m) - Bank			cc	13
(a) - All coal prepared at Carbon Run Breaker - District 24.					(n) - All coal prepared at Glen Burn Breaker - District 24.				
(b) - 23,640 tons prepared at Carbon Run Breaker - District 24.					(o) - 6,954 tons prepared at Sunshine Breaker - District 28.				
9,938 tons prepared at D. & Z. Vein Breaker - District 24.					(p) - All coal prepared at Trevortown Breaker.				
9,279 tons prepared at Split Vein Breaker - District 24.					(q) - Operated as a small mine during August, September and October, 1961.				
(e) - 7,702 tons prepared at H. J. & H. Breaker.					(r) - Ceased operations during July, 1961.				
1,140 tons prepared at Sunshine Breaker - District 28.					(s) - Began operations during May, 1961.				
654 tons prepared at Carbon Run Breaker - District 24.					(t) - Ceased operations during August, 1961.				
(d) - 11,716 tons prepared at Gloses Run Breaker - District 24.					(u) - Began operations during April, 1961.				
4,231 tons prepared at Sunshine Breaker - District 24.					(v) - Operated as a small mine prior to October, 1961.				
(e) - 82 tons prepared at Lower Region Breaker - District 24.					(w) - Operated as the Reading Anthracite Co. from January 1 to 31, now known as Reserve Carbon Corp.				
347 tons prepared at North Line Breaker - District 24.					(x) - Ceased operations December 15, 1961.				
2,451 tons prepared at Split Vein Breaker - District 24.					(y) - Ceased stripping September 18, 1961.				
(f) - 1,814 tons prepared at D. & Z. Breaker - District 24.					(z) - Ceased operations during February, 1961.				
1,725 tons prepared at North Line Breaker - District 24.					(aa) - Operated as a small mine during October, November and December, 1961.				
(g) - 9,687 tons prepared at Sunshine Breaker - District 28.					(bb) - Ceased operations during April, 1961.				
6,800 tons prepared at Carbon Run Breaker - District 24.					(cc) - Employees retained from previous Operator.				
(h) - All coal prepared at North Line Breaker - District 24.									
(i) - 1,739 tons prepared at Sunshine Breaker - District 28.									
7,415 tons prepared at North Line Breaker - District 24.									
(j) - All coal prepared at D. & Z. Breaker - District 24.									
(k) - All coal prepared at Trevortown Breaker.									
(l) - 175,961 tons prepared at Trevortown Breaker.									
14,007 tons prepared at North Line Breaker - District 24.									
Deep Mined					Deep Mined	153,950			
Stripping					Stripping	265,775			
Bank					Bank	-			
Total					Total	419,701			

		District 18				Production - net tons				Pounds dynamite used				Days worked				Pounds dynamite used				Days worked			
		Shipped to market		Sold by railroad		Used at colliery		Total production		Permissible explosives used		Pounds dynamite used		Days worked		Empl oyees		Fatal accidents		Days worked		Empl oyees		Fatal accidents	
		By rail		By truck		For steam and heat		Total production		Total explosives used		Pounds dynamite used		Days worked		Empl oyees		Fatal accidents		Days worked		Empl oyees		Fatal accidents	
Operators and Collieries	County	Shipped to market	Sold by railroad	Used at colliery	Total production	Permissible explosives used	Pounds dynamite used	Days worked	Empl oyees	Fatal accidents	Days worked	Empl oyees	Fatal accidents	Days worked	Empl oyees	Fatal accidents	Days worked	Empl oyees	Fatal accidents	Days worked	Empl oyees	Fatal accidents	Days worked	Empl oyees	Fatal accidents
Bliss & Son, Inc.																									
Bliss Washery																									
Bliss Bank	Total	Carbon	Carbon	Carbon	24,433	-	-	-	-	-	24,433	-	-	-	-	-	177	6	-	-	-	-	-	-	-
Bubel Coal Co.																	161	4	-	-	-	-	-	-	-
Canova Tunnel	b																10	-	-	-	-	-	-	-	-
Charbon Fuel Sales, Inc.																									
South Brockton Strip																									
Farley & Innat Coal Co.																									
Buck Slope																									
Skidmore Slope																									
Total		Carbon	Carbon	Carbon	24,433	-	-	-	-	-	24,433	-	-	-	-	-	600	50	5	-	-	-	-	-	-
Frye Coal Co.																									
Mammoth Slope f																									
Greenwood Mining Co.																									
Greenwood Breaker																									
Greenwood Stripping Corp.																									
Greenwood Strip																									
Harbor Dump Strip																									
Harbor No. 10 Strip																									
Harbor No. 11 Strip																									
Harbor Ozone Strip																									
Schuykill																									
Schuykill																									
Lansford No. 5 Strip																									
Lansford No. 6 Strip																									
Little Italy Strip																									
Nesquehoning Strip																									
Schickam No. 8 Bank																									
Total		Carbon	Carbon	Carbon	1,823	247	-	-	-	-	3,734	-	-	-	-	-	71	16	-	-	-	-	-	-	-
G. & S. Coal Co., Inc.																									
G. & S. Washery																									
G. & S. Bank	Total	Carbon	Carbon	Carbon	1,823	247	-	-	-	-	3,734	-	-	-	-	-	20	3	-	-	-	-	-	-	-
Hillside Coal Co.																									
Hillside Breaker																									
Integrity Coal Co., Inc.																									
Mary-D Washery																									
Mary-D Bank	Total	Carbon	Carbon	Carbon	27,081	-	-	-	-	-	27,081	-	-	-	-	-	140	8	-	-	-	-	-	-	-
Lansdale Coal Co., Inc.																									
No. 9 Water Level Drift																									
Total		Carbon	Carbon	Carbon	11,854	2,116	-	-	-	-	26,953	J	12,950	-	-	-	231	18	-	-	-	-	-	-	-

		District 18						District 19						
Operators and Coaleries		County	Production - not tons			Used at			Pounds dynamite used			Days worked		
M. & J. Coal Co.			Shipped to market:	Sold	Used at colliery:	Total	Pounds explosives used	Total	Pounds dynamite used	Days worked	Fatal acci- dents	Non-fatal fatal accidents		
Top Split Slope	n	Dm	Schuykill	-	790	248	-	1,038 m	500	-	80	5	-	
Meadow Coal & Excavating Co.	S	Schuykill	1,584	2,005	1,072	-	4,661 k	-	6,400	117	5	-	-	
North Tanagua Strip	1	Schuykill	-	-	-	-	-	-	-	300	3	-	-	
Mountain Side Coal Co.	Schuykill	BP	Schuykill	-	-	-	-	-	-	-	-	-	-	
Mountain Side Breaker	Schuykill	B	Schuykill	-	-	-	-	-	-	-	-	-	-	
Newirk Mining Co.	Schuykill	Dm	Schuykill	8,150	10,308	5,514	-	23,972	20,150	8,790	174	43	2	
Newirk Breaker	Schuykill	Dm	Schuykill	26,647	33,700	18,026	-	78,373	10,490	10,490	205	41	3	
Newirk Tunnel	Schuykill	S	Schuykill	9,538	12,064	6,453	-	28,055	-	-	189	50	-	
Newirk Contracting Co., N.C. S	Schuykill	S	Schuykill	1,893	2,395	1,281	-	5,569	-	-	140	5	-	
Meadow Coal & Excavating Co. S	Schuykill	S	Schuykill	46,228	58,467	31,274	-	133,369 o	20,150	19,180	175	7	-	
Total														
R. & R. Coal Co.	Carbon	W	Carbon	1,374	1,370	-	-	2,795	-	-	161	2	-	
R. & R. Washery	Carbon	Bk	Carbon	1,374	1,370	51	-	2,795 r	-	-	161	1	-	
R. & R. Bank Total														
Schock, Norman C.	Schuykill	S	Schuykill	5,654	6,075	3,260	141	15,130	-	-	209	5	-	
Mary-D Strip	Schuykill	S	Schuykill	221	280	151	-	652	-	-	20	4	-	
Tuscarora Strip	Schuykill	S	Schuykill	595	1,857	93	13	2,558	-	-	64	14	-	
Tuscarora Construction Total	Schuykill	BP	Schuykill	6,470	8,212	3,504	154	18,340 q	-	-	23	-	-	
South Tanagua Coal Pockets	Schuykill	-	Schuykill	-	-	-	-	-	-	-	224	6	-	
South Tanagua Breaker	Schuykill	BP	Schuykill	-	-	-	-	-	-	-	131	2	-	
Spring Creek Coal Co.	Schuykill	BP	Schuykill	-	-	-	-	-	-	-	-	-	-	
Spring Creek Breaker	Schuykill	BP	Schuykill	Holmes Slope	60	1,401	1,024	15	2,500 s	500	600	300	6	-
Zakewky Coal Co.	Schuykill	Dm	Schuykill	Leader Slope	-	-	-	-	-	-	-	-	-	
District Total	Schuykill	Dm	Schuykill	DN - Deep Mined	441,986	6,349	3,639	-	9,988 t	4,700	2,903,457	271	7	-43
S - Stripping				(a) - All coal prepared at Bliss Washery.	Bk - Bank	472,085	112,753	173	1,026,997	BP - Breaker	BP - Breaker Preparation Only.	W - Washery		
				(b) - Advancing tunnel - No production.						(e) - 1,305 tons prepared at Hillside Breaker.				
				(c) - 1,201 tons prepared at Brockton Breaker - District 19.						(f) - Ceased operations in June 1961.				
				(d) - 598 tons prepared at Hillside Breaker.						(g) - All coal prepared at Greenwood Breaker.				
				(e) - 121 tons prepared at Silver Creek Breaker - District 19.						(h) - All coal prepared at G. & S. Washery.				
				(f) - 15,557 tons prepared at Hillside Ice Breaker.						(i) - All coal prepared at Hillside Breaker.				
				(g) - 12,666 tons prepared at the South Tanagua Pockets Breaker.						(j) - All coal prepared at Greenwood Breaker.				
				(h) - 2,015 tons prepared at the Mountain Side Breaker.						(k) - All coal prepared at Newirk Breaker.				

District 18

		Production - Net tons		Pounds		Non-fatal accidents	
Shipped to market:		Sold to colliery	Used at local trade and heat	Total	Pounds dynamite used	Days worked	Fatal accidents
Operators and Coalfields	County	Railroad	truck:	for steam	explosives	Empl. oves.	accidents
(1) - Ceased operations in June 1961.							
(1) - Cessd operations at Mountain Side Breaker.							
(m) - 450 tons prepared at Surfing Creek Breaker.							
(n) - 338 tons prepared at Brockton Breaker - District 19.							
(n) - Ceased operations in March 1961.							
(o) - All coal prepared at Newirk Breaker.							
(p) - Ceased operations in September 1961.							
(q) - 9,000 tons prepared at Newirk Breaker.							
4,060 tons prepared at Silver Creek Breaker - District 19.							
4,620 tons prepared at Indian Head Breaker - District 25.							
660 tons prepared at Hillside Breaker.							

(r) - All coal prepared at R. & R. Washery.
 (s) - 1,000 tons prepared at Blightheathe Breaker - District 21.
 300 tons prepared at Silver Creek Breaker - District 19.
 500 tons prepared at Glenworth Breaker - District 21.
 344 tons prepared at Hillside Breaker.
 (t) - 8,566 tons prepared at South Tamaua Pockets Breaker.
 (**) - 1,422 tons prepared at Brockton Breaker - District 19.
 (**) - Men Transferred.

Deep Mined - 96,359
 Stripping - 867,272
 Bank - 63,366
 Total - 1,026,997

District 19

Basil Bros. Coal Co.							
Basil Tunnel	a	DM	Schuykill	1,305	461	5,837	77
Bernitsky Coal Co.		DM	Schuykill	2,846	4,744	4,269	-
No. 1 Slope		DM	Schuykill	-	-	-	-
Brockton Coal Co.		BP	Schuykill	156	9,822	5,300	312
Cantfield Construction Co.	d	S	Schuykill	-	15,202	2,487	-
Canfield Strip		DM	Schuykill	-	162	60	222 h
Clarkson Coal Co.		DM	Schuykill	-	-	-	-
Clarkson Slope		DM	Schuykill	-	-	-	-
D. & T. Coal Co.		DM	Schuykill	9	-	-	-
Holmes Slope	g	DM	Schuykill	-	-	-	-
Dale Contracting Corp.		B	Schuykill	-	-	-	-
Kaska Breaker	i	B	Schuykill	-	-	-	-
Silver Creek Bank		bk	Schuykill	-	-	-	-
E. & M. Coal Co.							
Little Orchard Slope		DM	Schuykill	-	1,849	301	-
I. D. M. Realty Co.							
Kaska Breaker	k	B	Schuykill	5,689	-	5,689	1
Silver Creek Bank		bk	Schuykill	-	-	-	-
Total				-	-	-	5,689

District 19

District 19		District 20		
Operators and Collieries		Production - Net tons	Pounds	Non-fatal accidents
County		Sold to market:	Permit issued:	Fatal accidents
		Shipped by railroad:	Colliery local:	
		By truck:	Trade:	
(a)	- Operated as a small mine prior to March, 1961.		(p) - 2,178 tons prepared at K. M. & F. Breaker.	
(b)	- All coal prepared at K. M. & F. Breaker.		2,178 tons prepared at Silver Creek Breaker.	
(c)	- All coal prepared at K. & P. Breaker - District 21.		2,178 tons prepared at St. Nicholas breaker - District 21.	
(d)	- Began operations during July 1961.		1,001 tons prepared at Blackside Breaker - District 18.	
(e)	- All coal prepared at Silver Creek Breaker.		328 tons prepared at Hillside Breaker - District 18.	
(f)	- 17,612 tons prepared at Hillside Breaker - District 18.		(q) - Began operations during June and discontinued during July 1961.	
	77 tons prepared at Brockton Breaker		(r) - All coal shipped unprepared to New Jersey Zinc Co. at Palmerston, Pennsylvania.	
(g)	Began operating as a small mine in March 1961.		(s) - Began operations during November 1961.	
(h)	All coal prepared at Brockton Breaker.		(t) - Ceased operations during April 1961.	
(i)	- Reopened Breaker during October, repair work only.		(u) - All coal prepared at St. Nicholas breaker - District 26.	
	Operated as I. D. M. Realty Co., Inc. from May to June 1961, all employees are included in I. D. M. Realty Co., Inc. totals.		(v) - Ceased operations during June 1961.	
(j)	- All coal prepared at Hillside Breaker - District 18.		(w) - All coal prepared at Newark Breaker - District 18.	
(k)	- Began operations in May and discontinued operations in June 1961.		(x) - Began and ceased operations during April 1961.	
(l)	- All coal prepared at Kaska Breaker.		(y) - All coal shipped unprepared to market.	
(m)	- Operated as Tenaglia Coal Co. prior to May 5, 1961 and all employees are included in the Tenaglia totals.		(z) - All coal prepared at Scutta Breaker.	
(n)	Ceased operations during August, 1961.		(aa) - Ceased operations during May 1961.	
(o)	8,269 tons prepared at K. M. & F. Breaker.		(bb) - Began and ceased operations during January 1961.	
	1,710 tons prepared at Black Heath Breaker - District 21.			
	1,747 tons prepared at Silver Creek Breaker.			
	2,761 tons prepared at Old Mill Breaker - District 21.			
		Deep Mined	65,547	
		Stripping	390,608	
		Bank	170,676	
		Total	626,831	
Atlas Coal Co.				
Atlas Breaker				
Diamond Coal Co., Inc.	BP Northumberland	-	-	-
C. & J. Coal Co.	bk Northumberland	7,330	470	1,598
Reliance Bank No. 11 Vein Strip	s Northumberland	962	62	209
Total	b,292	532	1,807	150
			300	10,931 a
D. & D. Coal Co.				
D. & D. Breaker	BP Northumberland	-	-	-
Diamond Coal Co., Inc.	BP Northumberland	-	-	-
Owner Coal Co.	bk Northumberland	2,478	158	540
Richards Bank	dm Northumberland	6,269	6,728	2,293
G. & D. Coal Co.				
Sidmore Slope				

Operators and Collieries	County	District 21				Pounds dynamite used	Days worked	Employees	Fatal accidents	Non-fatal accidents					
		Production - net tons		Used at colliery for steam and heat	Total production										
		Shipped to market	Sold to local trade												
By railroad	By truck	Total	Total	Total	Total	Total	Total	Total	Total	Total					
A. & S. Coal Co.	Schuylkill	-	-	-	-	-	-	185	2	-					
A. & S. Breaker	BP	Schuylkill	-	-	-	-	-	166	6	-					
B. & K. Coal Co.	DM	Schuylkill	60	4,388	1,118	51	5,617 a	3,625	-	1					
Tracy Slope	DM	Schuylkill	-	-	-	-	-	-	-	-					
B. & N. Coal Co.	BP	Schuylkill	-	-	-	-	-	276	4	-					
B. & N. Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Black Heath Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Boaack Coal Co.	DM	Schuylkill	4,992	11,474	2,664	197	19,327 b	3,800	2,200	-					
No. 2 Drift	DM	Schuylkill	-	-	-	-	-	213	17	-					
Buck Mountain Coal Co.	DM	Schuylkill	-	1,960	-	-	1,960 c	2,450	-	-					
Buck Mountain Drift	DM	Schuylkill	-	-	-	-	-	245	5	-					
C. & D. Coal Co.	DM	Schuylkill	2,175	4,190	2,453	82	8,900 d	8,500	-	-					
Diamond Slope	DM	Schuylkill	-	-	-	-	-	240	9	-					
Gass Contracting Co.	BP	Schuylkill	-	-	-	-	-	-	-	-					
Marlin Breaker	BP	Schuylkill	-	-	-	-	-	82	11	-					
DiRenzo Coal Co.	BP	Schuylkill	-	-	-	-	-	-	-	-					
DiRenzo Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Gangloff Brothers	bk	Schuylkill	7,250	-	-	-	7,250 e	-	-	-					
Phoenix Bank f	bk	Schuylkill	2,179	3,170	1,257	-	6,606 g	6,550	500	155					
Gavails, Joseph	S	Schuylkill	-	-	-	-	-	-	-	-					
Sharp Mountain Strip h	S	Schuylkill	-	-	-	-	-	-	-	-					
Glen North Coal Co.	BP	Schuylkill	-	-	-	-	-	-	-	-					
Glen Worth Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
H. & P. Coal Co.	DM	Schuylkill	1,817	4,775	1,612	62	8,266 i	6,500	-	-					
No. 1 Buck Mountain Slope	DM	Schuylkill	2,517	1,813	754	-	5,084 j	1,650	-	-					
Hale Land Co., Inc.	DM	Schuylkill	5,104	5,552	2,015	33	12,704 l	-	800	62					
Skidmore Slope k	DM	Schuylkill	-	-	-	-	-	-	11	-					
Hauptly, J. & Hoke C.	BP	Schuylkill	-	-	-	-	-	-	-	-					
Buck Mountain Strip	S	Schuylkill	-	-	-	-	-	-	-	-					
K. & P. Coal Co.	BP	Schuylkill	-	-	-	-	-	-	242	13					
K. & P. Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Kowalchick, Michael	BP	Schuylkill	-	-	-	-	-	-	200	1					
Kowalchick Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Live Oak Coal Co.	BP	Schuylkill	-	-	-	-	-	-	240	15					
Live Oak Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-					
Lohland Coal Co.	W	Schuylkill	-	-	-	-	-	-	166	8					
Lowland Washery	bk	Schuylkill	-	-	-	-	-	-	6	-					
Lowland Bank	bk	Schuylkill	27,1792	-	-	-	27,1792	-	-	-					
Total			27,1792	-	-	-	27,1792 m	-	-	-					

District 21

Operators and Collieries		County	Production = net tons		Used at colliery for steam and heat	Total production:	Pounds dynamite used	Days worked	Empl- oyees	Non-fatal accidents
Shipped to market:	Used at colliery by truck:		By railroad	By road						
M. M. & N. Coal Co.	Dm	Schuylkill	122	9,881	3,181	30	13,214 n	9,775	100	300
M. M. & S. Coal Co.	BP	Schuylkill	-	-	-	-	-	-	48	2
M. & S. Breaker	Bk	Schuylkill	104	-	205	46	5	360	222	18
Maple Spring Coal Co.	BP	Schuylkill	104	-	205	46	5	360 o	2	3
Maple Spring Breaker	P	Schuylkill	-	-	-	-	-	-	-	4
Branchdale Bank	Total								21	5
Marko Land Co.	S	Schuylkill	5,626	5,642	1,881	102	13,251 q	-	6,200	82
Phoenix Park Strip	S	Schuylkill	-	-	-	-	-	-	-	12
Minersville Coal Co., Inc.	BP	Schuylkill	-	-	-	-	-	-	250	10
Minersville Breaker									-	1
Menntrose Coal Co.	S	Schuylkill	-	7,526	1,344	90	8,960 r	4,800	184	12
Kidmore Slope	Dm	Schuylkill	26	38	16	-	80 g	-	-	3
Mussolini Bros. Stripping Co., Inc.	S	Schuylkill	4,923	6,148	2,028	23	13,122 u	-	3,000	169
Pasco Strip	S	Schuylkill	-	-	-	-	-	-	-	10
Nagle, Inc., W. Joseph	S	Schuylkill	-	-	-	-	-	-	295	5
Sharp Mountain Strip	S	Schuylkill	50,485	14,744	18,159	-	83,388	-	321,850	195
Old Mill Coal Yard	Dm	Schuylkill	50,907	17,490	16,670	-	85,067	-	162,930	72
Old Mill Breaker	BP	Schuylkill	-	-	-	-	-	-	206	52
Olenick Bros. Coal Co.	BP	Schuylkill	2,663	6,835	1,605	115	11,218 v	12,500	-	290
Olenick Breaker									-	4
Otto & Son Coal Co.	S	Schuylkill	-	-	-	-	-	-	-	-
No. 2 Buck Mountain Slope	Dm	Schuylkill	-	-	-	-	-	-	279	9
Rading Anthracite Co.	S	Schuylkill	-	-	-	-	-	-	-	-
Heckcatherine P-21 Strip	S	Schuylkill	-	-	-	-	-	-	-	-
Pine Knot P-39 Strip x	S	Schuylkill	-	-	-	-	-	-	-	-
Total		J01,392	32,234	34,829	-	168,455 w	484,780	124	7	
Schuylkill Contracting Co.	S	White Ash Strip	20,701	14,975	8,369	-	44,045 y	-	-	129
Tropp, L. & J.	S	Schuylkill	859	4,440	1,002	25	6,326 z	-	600	180
Peach Mountain Strip	S	Schuylkill	-	-	-	-	-	-	-	7
Walton, John	BP	Schuylkill	-	-	-	-	-	-	165	2
Wyalda Coal Co.	W	Schuylkill	-	-	-	-	-	-	-	79
Auburn Washery	BP	Schuylkill	-	-	-	-	-	-	-	215
Woratyla, Anthony									-	1
Woratyla Breaker									-	-
Wyda Brothers									-	-
Silverton Bank	bk	Schuylkill	85	1,930	8,840	23	10,878 a	-	240	5

District Total		Operators and Collieries		District 21 Production - Net tons		Pounds dynamite used		Days worked		Empl. oves		Fatal acci- dents		Non-fatal acci- dents	
County	County	Shipped to market	Sold to local	Used at colliery	Total	Pounds dynamite used	Days worked	Empl. oves	Fatal acci- dents	Fatal acci- dents	Non-fatal acci- dents	Washery	Washery	Washery	Washery
Deep Mined	5 - Stripping	190,387	127,116	75,014	938	393,415	60,150	498,180	183	477	25	B - Breaker	BP - Breaker Preparation Only		
bk - Bank									(o) - All coal prepared at Maple Spring Breaker.			(o) - All coal prepared at Maple Spring Breaker.			
									(p) - Ceased operations in November 1961.			(p) - Ceased operations in November 1961.			
									(q) - 1,260 tons prepared at Maple Spring Breaker.			(q) - 1,260 tons prepared at Maple Spring Breaker.			
									115 tons prepared at Olenick Breaker			115 tons prepared at Olenick Breaker			
									6,655 tons prepared at Swatara Breaker - District 25.			6,655 tons prepared at Swatara Breaker - District 25.			
									2,036 tons prepared at Indian Head Breaker - District 25.			2,036 tons prepared at Indian Head Breaker - District 25.			
									2,036 tons prepared at Millersville Breaker - District 27.			2,036 tons prepared at Millersville Breaker - District 27.			
									(r) - All coal prepared at Live Oak Breaker.			(r) - All coal prepared at Live Oak Breaker.			
									(s) - Ceased operations in January 1961.			(s) - Ceased operations in January 1961.			
									(t) - Ceased operations in August 1961.			(t) - Ceased operations in August 1961.			
									(u) - 61 tons prepared at Live Oak Breaker.			(u) - 61 tons prepared at Live Oak Breaker.			
									1,993 tons prepared at Black Heath Breaker.			1,993 tons prepared at Black Heath Breaker.			
									(v) - 857 tons prepared at Marlin Breaker.			(v) - 857 tons prepared at Marlin Breaker.			
									(w) - 181 tons prepared at Swatara Breaker - District 25.			(w) - 181 tons prepared at Swatara Breaker - District 25.			
									(x) - 6,623 tons prepared at Anthracite Fine Coal, Inc. - District 25.			(x) - 6,623 tons prepared at Anthracite Fine Coal, Inc. - District 25.			
									(y) - 1,400 tons prepared at Live Oak Heath Breaker.			(y) - 1,400 tons prepared at Live Oak Heath Breaker.			
									(z) - 1,726 tons prepared at Black Heath Breaker.			(z) - 1,726 tons prepared at Black Heath Breaker.			
									(aa) - 2,100 tons prepared at St. Nicholas Breaker - District 25.			(aa) - 2,100 tons prepared at St. Nicholas Breaker - District 25.			
									(ab) - All coal prepared at St. Nicholas Breaker - District 26.			(ab) - All coal prepared at St. Nicholas Breaker - District 26.			
									(ac) - Ceased operations in June 1961.			(ac) - Ceased operations in June 1961.			
									(ad) - All coal prepared at Auburn Washery.			(ad) - All coal prepared at Auburn Washery.			
									(ae) - 84 tons prepared at Marlin Breaker.			(ae) - 84 tons prepared at Marlin Breaker.			
									(af) - 1,404 tons prepared at Auburn Washery.			(af) - 1,404 tons prepared at Auburn Washery.			
									(ag) - 156 tons prepared at Black Heath Breaker.			(ag) - 156 tons prepared at Black Heath Breaker.			
									(ah) - 2,090 tons prepared at Live Oak Breaker.			(ah) - 2,090 tons prepared at Live Oak Breaker.			
									(ai) - 84 tons prepared at Anthracite Fine Coal, Inc. - District 25.			(ai) - 84 tons prepared at Anthracite Fine Coal, Inc. - District 25.			
									(aj) - Deep Mined - 82,546			(aj) - Deep Mined - 82,546			
									(ak) - Stripping - 264,589			(ak) - Stripping - 264,589			
									(al) - Bank - 46,280			(al) - Bank - 46,280			
									(am) - Total - 393,415			(am) - Total - 393,415			

District 22		Production - net, tons		Pounds dynamite used		Days worked		Empl. ones		Fatal acci- dents	
Operators and Collieries	County	Shipped to market:	Sold by railroad	Used at colliery local for steam	Total production:	Days worked:	Pounds dynamite used:	Empl. ones:	Fatal acci- dents:	Non-fatal accidents:	
Coates Coal Co.	B	13,161	618	12,794	-	26,573 b	7,350	8,700	138	93	- 10
Centralia Colliery	Columbia	-	6,589	-	-	6,589 c	1,050	1,900	205	6	- -
Debbie Lance Coal Co., Inc.	DH	-	2,635	-	-	2,635 d	1,200	50	173	4	- 2
Mammoth Slope	Columbia	-	-	-	-	-	-	-	(202)	27	-
H. K. Coal Co., Inc.	DH	-	-	-	-	-	-	-)	-	-
Preston Tunnel	Schuykill	-	-	-	-	-	-	-	-	-	-
Jeddo-Highland Coal Co.	DH	-	-	-	-	-	-	-	-	-	-
Midvalley Colliery	Columbia	110,982	4,596	370	462	116,410 e	-	-	-	-	-
Midvalley Bank	bk	50,089	-	-	50,089 f	-	-	149,800	164	20	- 1
No. 34 Strip	S	161,071	4,576	370	462	166,479	-	149,800	47	-	- 3
Kilmas Coal Co.	DH	-	-	-	-	-	-	-	-	-	-
Mammoth Slope	Columbia	-	2,191	-	-	2,191 i	400	200	121	5	- -
Lone Star Coal Co.	DH	-	6,480	-	-	6,480 j	4,100	50	206	9	- -
Mammoth Coal Co.	Schuykill	-	-	-	-	-	-	-	-	-	-
Mammoth Colliery	B	98,475	90,568	47,667	1,626	238,336	-	-	233	69	- -
Mammoth Strip	S	98,475	90,568	47,667	1,626	238,336 k	-	698,300	253	151	- -
Total	Pine Ridge Mining Co., Inc.	-	-	-	-	-	-	698,300	220	-	-
Bapt. Strip	S	8,160	1,000	1,000	-	10,160 l	-	10,920	78	8	- -
Sanchez Construction Co.	Schuykill	-	60,948	-	-	60,948 j	-	381,000	225	31	- 2
Continental Strip	S	-	-	-	-	-	-	-	-	-	-
Tarone, Anthony	n	-	-	-	-	-	-	-	-	-	-
Strip District Total	DH	280,867	175,725	61,831	2,088	520,511	14,100	1,250,920	209	426	- 17
DM = Deep Mined	S = Stripping	Bk = Bank	B = Breaker	Bp = Breaker Preparation Only							
(a) = Centralia Breaker burned down June 10, 1961.				(j) = Coal prepared at Diamond Breaker - District 20.							
(b) = Coal prepared at Centralia Breaker.				(k) = Coal prepared at Mammoth Breaker.							
(c) = 1,571 tons prepared at Centralia Breaker.				(l) = Coal prepared at Millersville Breaker - District 27.							
(d) = 5,018 tons prepared at Savitski Breaker - District 20.				(m) = Coal prepared at Blaschak Breaker - District 26.							
(e) = 495 tons prepared at Millersville Breaker - District 20.				(n) = Abandoned July 1961.							
(f) = Coal prepared at Midvalley Fine Coal Plant.											
(g) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(h) = Transferred to District 20 - September 1, 1961.											
(i) = 2,140 tons prepared at Savitski Breaker - District 27.											
(j) = 554 tons prepared at Atlas Breaker - District 20.											
(k) = Bank coal prepared at Midvalley Fine Coal Plant.											
(l) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(m) = Coal prepared at Millersville Breaker - District 27.											
(n) = Abandoned June 15, 1961.											
(o) = Bank coal prepared at Atlas Breaker - District 20.											
(p) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(q) = Transferred to District 20 - September 1, 1961.											
(r) = 554 tons prepared at Atlas Breaker - District 20.											
(s) = Deep Mined											
(t) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(u) = Transferred to District 20 - September 1, 1961.											
(v) = 554 tons prepared at Atlas Breaker - District 20.											
(w) = Washery											
(x) = Coal prepared at Centralia Breaker.											
(y) = Coal prepared at Mammoth Breaker.											
(z) = Coal prepared at Millersville Breaker.											
(aa) = Coal prepared at Blaschak Breaker - District 26.											
(bb) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(cc) = Transferred to District 20 - September 1, 1961.											
(dd) = 554 tons prepared at Atlas Breaker - District 20.											
(ee) = Deep Mined											
(ff) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(gg) = Transferred to District 20 - September 1, 1961.											
(hh) = 554 tons prepared at Atlas Breaker - District 20.											
(ii) = Deep Mined											
(jj) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(kk) = Transferred to District 20 - September 1, 1961.											
(ll) = 554 tons prepared at Atlas Breaker - District 20.											
(mm) = Deep Mined											
(nn) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(oo) = Transferred to District 20 - September 1, 1961.											
(pp) = 554 tons prepared at Atlas Breaker - District 20.											
(qq) = Deep Mined											
(rr) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(ss) = Transferred to District 20 - September 1, 1961.											
(tt) = 554 tons prepared at Atlas Breaker - District 20.											
(uu) = Deep Mined											
(vv) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(ww) = Transferred to District 20 - September 1, 1961.											
(xx) = 554 tons prepared at Atlas Breaker - District 20.											
(yy) = Deep Mined											
(zz) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(aa) = Transferred to District 20 - September 1, 1961.											
(bb) = 554 tons prepared at Atlas Breaker - District 20.											
(cc) = Deep Mined											
(dd) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(ee) = Transferred to District 20 - September 1, 1961.											
(ff) = 554 tons prepared at Atlas Breaker - District 20.											
(gg) = Deep Mined											
(hh) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(ii) = Transferred to District 20 - September 1, 1961.											
(jj) = 554 tons prepared at Atlas Breaker - District 20.											
(kk) = Deep Mined											
(ll) = Coal prepared at Jeddo No. 7 Breer - District 15.											
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(ss) = Deep Mined											
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(uu) = Transferred to District 20 - September 1, 1961.											
(vv) = 554 tons prepared at Atlas Breaker - District 20.											
(ww) = Deep Mined											
(xx) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(yy) = Transferred to District 20 - September 1, 1961.											
(zz) = 554 tons prepared at Atlas Breaker - District 20.											
(aa) = Deep Mined											
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(oo) = Transferred to District 20 - September 1, 1961.											
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(qq) = Deep Mined											
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(ss) = Transferred to District 20 - September 1, 1961.											
(tt) = 554 tons prepared at Atlas Breaker - District 20.											
(uu) = Deep Mined											
(vv) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(ww) = Transferred to District 20 - September 1, 1961.											
(xx) = 554 tons prepared at Atlas Breaker - District 20.											
(yy) = Deep Mined											
(zz) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(aa) = Transferred to District 20 - September 1, 1961.											
(bb) = 554 tons prepared at Atlas Breaker - District 20.											
(cc) = Deep Mined											
(dd) = Coal prepared at Jeddo No. 7 Breer - District 15.											
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(cc) = Transferred to District 20 - September 1, 1961.											
(dd) = 554 tons prepared at Atlas Breaker - District 20.											
(ee) = Deep Mined											
(ff) = Coal prepared at Jeddo No. 7 Breer - District 15.											
(gg) = Transferred to District 20 - September 1, 1961.											
(hh) = 554 tons prepared at Atlas Breaker - District 20.											
(ii) = Deep Mined											
(jj) = Coal prepared at Jeddo No. 7 Breer - District 15.		</									

Operators and Collieries	County	District 23			Pounds dynamite used	Days worked	Empl oyees	Fatal acci dents	Non-fatal acci dents
		Production - net tons		Total					
		Shipped to market By railroad	Sold to local trade By truck	Used at colliery for steam and heat production					
Ai Mar Coal Co.	DM	Northumberland	1,126	10,992	1,452	-	13,570 a	12,450	-
Hollies Slope	DM	Northumberland	4,154	1,313	1,170	-	6,637 b	2,300	-
B. & S. Coal Co.	DM	Northumberland	3,099	3,333	1,127	-	7,555 c	22,000	-
Priarose Slope	DM	Northumberland	1,834	133	402	-	2,369	-	17
Bar-B-Mining Co.	DM	Northumberland	322	25	78	-	455	-	242
Bar-B-No. 3 Slope	DM	Northumberland	2,186	156	480	-	2,824 d	-	3
C. & J. Coal Co.	bk	Alaska Bank	1,834	133	402	-	300	-	-
Enterprise Strip Total	S	Northumberland	1,834	133	402	-	300	-	-
Charvanik Associates Bar-B-Strip	S	Northumberland	162	185	50	-	397 e	-	-
Coen & Co., M.	DM	Northumberland	824	7,420	916	-	9,160 a	14,300	-
Holmes Slope	DM	Northumberland	7,342	2,282	2,040	-	11,664 e	8,700	-
G. M. P. Coal Co.	DM	Northumberland	10,598	12,450	2,629	160	25,827	19,184	-
Holmes Slope	DM	Northumberland	10,193	11,187	3,340	140	24,860	22,456	-
Gap Anthracite Co.	DM	Northumberland	20,781	23,637	5,969	300	50,687 c	41,610	-
Mayeville No. 1 Slope	DM	Northumberland	44	396	49	-	489	-	-
Mayeville No. 2 Slope	DM	Northumberland	34	303	37	-	374	-	-
Total	S	Northumberland	78	699	86	-	863 a	-	-
H. & S. Coal Co.	DM	Northumberland	10,335	910	2,304	-	13,549 f	6,925	-
Colbert Strip Total	S	Northumberland	-	-	-	-	-	-	-
Locust Spring Coal Co. West Spring Slope	DM	Northumberland	-	-	-	-	-	-	-
Millard Coal Co.	S	Northumberland	-	1,524	-	-	1,524 g	-	-
Colbert Strip	Reading Anthracite Co.	Northumberland	5,354	1,525	1,626	-	8,505 h	-	-
Locust G/s Bank No. 32 m	bk	Northumberland	-	-	-	-	-	-	-
Locust Summit Breaker	BP	Northumberland	-	-	-	-	-	-	-
Locust Summit Cleaner	BP	Northumberland	-	-	-	-	-	-	-
Locust Summit Flotation Plant	BP	Northumberland	-	-	-	-	-	-	-
Mount Carmel Wharf	DM	Northumberland	26,546	6,727	10,190	-	43,463 i	94,235	-
Potts Strip A-56 m	S	Northumberland	-	-	-	-	-	-	-
Reliance Pumping Total	S	Northumberland	31,920	8,252	11,816	-	51,968	94,235	95
Timmons & Bros., Inc., W.H.	S	Northumberland	-	1,257	539	-	1,796	-	-
Colbert Strip Enterprise Strip Total	S	Northumberland	-	2,135	4,983	-	7,418	-	-
	-		3,392	5,522	-	-	8,914 j	-	-
							1,500	1,04	5
							1,500	9	-

		District 23			
		Production - Net tons	Used at	Pounds	Fatal
		Shipped to market	Sold	permissible explosives	fatal
Operators and Coaleries		By railroads	Local for steam and heat	Total production used	accidents
Zetellia Brothers Coal Co.	County	By truck	Trade	BP - Breaker	deaths
Elmore Slope	DN	8,299	2,621	2,322	-
District Total		90,286	66,718	35,224	-
DM = Deep Mined	S = Stripping	B = Bank	B = Breaker	13,242 k	6,750
(a) = Coal prepared at O. & Z. Breaker - District 24.			(h) = Coal prepared at Iravon Breaker - District 17.		
(b) = 1,077 tons prepared at St. Nicholas Breaker - District 27.			(i) = Coal prepared at St. Nicholas Breaker - District 27.		
(c) = 5,500 tons prepared at Millersville Breaker - District 27.			(j) = Coal prepared at Thomas Breaker - District 29.		
(d) = Coal prepared at Glen Burn Breaker - District 24.			(k) = 2,128 tons prepared at St. Nicholas Breaker - District 27.		
(e) = Coal prepared at Diamond Breaker - District 20.			(l) = 11,114 tons prepared at Millersville Breaker - District 21.		
(m) = 1,005 tons prepared at St. Nicholas Breaker - District 27.			(m) = Operated by the Susquehanna Collieries Co. prior to May 1, 1961.		
(f) = 12,578 tons prepared at Millersville Breaker - District 27.					
(g) = 831 tons prepared at St. Nicholas Breaker - District 27.					
(q) = Coal sold to P. P. & L. Co. Power Plant at Sunbury.					

		District 24			
		Production - Net tons	Used at	Pounds	Fatal
		Shipped to market	Sold	permissible explosives	fatal
Operators and Coaleries		By railroads	Local for steam and heat	Total production used	accidents
A. & J. Coal Co.	DN	Northumberland	BP - Breaker	BP - Breaker Preparation Only	W = Washary
No. 11 Vein Slope		776	-	105,335	-
Ac Coal Sales				1,220	
Ac Breaker				-	
B. & W. Coal Co.				-	
No. 11 Vein Slope C				2,005 k	-
Bar-Mac Coal Co., Inc.				-	
Bar-Mac Breaker				1,500	-
Bellire Coal Sales, Inc.				4,698 b	-
Bellaire Washary				-	
Bellaire Breaker				-	
Total				25	197
Bollog Coal Co.				-	5
No. 4 Rock Slope				-	240
C. & J. Coal Co.				-	5
Burnside Bank f				-	3
D. & Z. Coal Co.				-	3
D. & Z. Breaker				-	1
Dinlack Coal Sales				-	1
Dinlack Breaker				-	304
Total				7	9
Northumberland	DN	12,112	3,318	28,735 d	13
Northumberland	bk	654	2,224	13,002 e	12
Northumberland	BP	-	-	-	304
Northumberland	BP	-	-	-	9
Northumberland	BP	-	-	-	307

Operators and Collieries	County	District 24				Pounds dynamite used	Days worked	Empl- oyees	Non- fatal acci- dents
		Shipped to market	Sold to local colliery	Total for steam and heat	Total production:				
		By railroad	By truck:	Trade and heat	Used at colliery				
Duke Associates									
No. 4 Rock Slope	DM	Northumberland	724	6,516	806	10	8,056 g	2,850	-
Foiger & Chableski	bk	Northumberland	-	1,400	-	-	1,400 h	-	14
Neilson Anthracite Co.	DM	Northumberland	62,396	65,983	22,447	1,360	152,186	106,725	4,600
Glen Burn Coal Sales	BP	Northumberland	-	-	-	-	-	-	294
Globe Breaker	DM	Northumberland	2,630	2,801	286	-	5,717 j	3,025	5
Golden Coal Co.	BP	Northumberland	-	-	-	-	-	-	284
No. 2 Lykens Slope	DM	Northumberland	-	-	-	-	-	-	300
Hoover Mining Co.	BP	Northumberland	-	-	-	-	-	-	4
K. & D. Coal Co.	BP	Northumberland	-	-	-	-	-	-	264
K. & D. Breaker	BP	Lower Region Colliery	-	-	-	-	-	-	5
Lower Region Breaker	BP	Northumberland	-	-	-	-	-	-	248
North Line Coal Co.	S	Northumberland	10,736	-	4,601	-	15,337	9,027	-
Burnside Strip	S	Northumberland	-	1,164	-	-	1,164	-	216
Bear Valley Strip	k	Northumberland	-	1,164	4,601	-	1,164	-	5
Total			10,736	11,64	4,601	-	16,501 l	9,027	-
Reidinger Coal Service	BP	Northumberland	-	-	-	-	-	-	204
Reidinger Breaker	bk	Northumberland	6,071	2,676	396	-	9,143 m	-	10
Reserve Carbon Corp.	n	Northumberland	-	-	-	-	-	-	15
Bear Valley Bank	BP	Northumberland	-	-	-	-	-	-	17
Rosini Coal Co.	BP	Northumberland	-	-	-	-	-	-	257
Carbon Run Breaker	BP	Northumberland	-	-	-	-	-	-	24
Split Vein Coal Co.	BP	Northumberland	-	-	-	-	-	-	310
Split Vein Breaker	BP	Northumberland	-	-	-	-	-	-	13
Steam Coals, Inc.	BP	Northumberland	-	-	-	-	-	-	167
North Line Breaker	BP	Northumberland	-	-	-	-	-	-	27
Susquehanna Coal Co.	DM	Northumberland	17,222	18,361	6,131	290	42,004	29,100	950
Glen Burn Colliary	o	Northumberland	-	-	-	-	-	-	80
Swift Coal Sales	BP	Northumberland	-	-	-	-	-	-	306
Swift Breaker	bk	Northumberland	6,145	1,074	2,899	-	10,118 m	-	25
Triverton Coal Co.	DM	Northumberland	-	4,299	1,576	-	5,875 q	4,000	7
Bear Valley Bank	p	Northumberland	-	-	-	-	-	-	158
Triple S Coal Co.	bk	Northumberland	-	-	-	-	-	-	141
No. 16 Vein Slope	c	Northumberland	-	-	-	-	-	-	5
Yudacukhi Brothers	Neilson Bank	Northumberland	-	-	-	-	-	-	163
District Total			130,379	48,318	49,392	-	1,660	347,838	168,727
				166,407	-	-	-	-	163,525
									67

District 24

Operators and Collieries	Production - net tons			Pounds used	Pounds dynamite used	Days worked	Emplo- yees	Non- fatal acci- dents
	Shipped to market:	Sold	Used at colliery					
County	By railroad	By truck	Local for steam and heat	Total:	Used	Days worked	Employees	Non-fatal accidents
<u>CM = Deep Mined</u>								
S = Stripping	bk = Bank	B = Breaker	BP = Breaker Preparation Only					
(a) - 1,164 tons prepared at North Line Breaker.			(j) - All coal prepared at Carbon Run Breaker.					
841 tons prepared at Glosk Breaker.			(k) - Ceased operations during September 1961.					
(b) - 1,264 tons prepared at Glosk Breaker.			(l) - All coal prepared at North Line Breaker.					
244 tons prepared at Bar-Lac Breaker.			(m) - All coal prepared at Trevorton Breaker - District 17.					
2,115 tons prepared at Swift Breaker.			(n) - Operated by Trevorton Coal Co. after January 1961.					
1,511 tons prepared at Split Vein Breaker.			(o) - Ceased operations during March 1961.					
844 tons prepared at Bellaire Breaker.			(p) - Operation idle since April 1961.					
Operations abandoned during August 1961.			(q) - 2,235 tons prepared at Bar-Mac Breaker.					
(d) - 8,783 tons prepared at Carbon Run Breaker.								
17,477 tons prepared at Glen Burn Breaker.								
2,369 tons prepared at Diamond Breaker - District 20.								
86 tons prepared at North Line Breaker.								
(e) - All coal prepared at Diamond Breaker - District 20.								
(f) - Ceased operations during November 1961.								
(g) - All coal prepared at D. & Z. Breaker.								
(h) - All coal shipped unprepared to P. P. & L. Co.								
(i) - Began operations during March 1961.								

District 25

Anthracite Fine Coals, Inc.	Production - net tons			Pounds used	Pounds dynamite used	Days worked	Emplo- yees	Non- fatal acci- dents
	Shipped to market:	Sold	Used at colliery					
County	By railroad	By truck	Local for steam and heat	Total:	Used	Days worked	Employees	Non-fatal accidents
<u>Donaldson Colliery</u>								
Bain Co., Alfred	BP	Schuylkill	-	-	-	-	240	17
Lincoln Dirt Bank	bk	Schuylkill	9,210	6,284	4,172	-	58	6
BrenBar Contracting Co.					19,666 a	-		
Rausch Creek Strip	S	Schuylkill	9,260	19,210	3,486	-	31,956 b	34,000
Franklin Coal Co.						-		
Franklin Hydrotated Breaker	BP	Schuylkill	-	-	-	-	274	10
Gavalls Co., Joseph							211	11
Suwatah Strip	S	Schuylkill	2,170	3,210	1,320	-	6,700 c	5,000
Hegans Mining Co.								
Hillside Breaker	BP	Schuylkill	-	-	-	-	292	8
Herb & Feed Coal Co.								
Diamond Vein Slope	DM	Schuylkill	27,340	20,880	9,880	406	58,506 d	78,000
Hickory Contracting Co.							301	34
Good Spring Strip	S	Schuylkill	1,670	2,948	3,610	18	8,246 e	1,200
Indian Head Coal Co.								
Indian Head Breaker	B	Schuylkill	-	-	-	-	179	35

District 25										Non-fatal accidents									
		Production - net tons		Used at colliery		Total production		Pounds dynamite used		Days worked over		Empl. dents.		Fatal acci-		Non-fatal acci-			
Operators and Collieries		County	Shipped to market	Sold to local trade	Local for steam and heat	Total	Pounds explosives used	Total	Fatal	Fatal	Fatal	Empl. dents.	Days worked over	Fatal	Fatal	Empl. dents.	Non-fatal		
Indian Head Coal Co. (continued)	\$	Schuykill	61,657	56,270	623	467	119,017	893,120	292	54	-	-	-	-	-	-	-		
Middle Creek Strip	bk	Schuykill	36,800	33,585	381	279	71,045	-	-	-	-	-	-	-	-	-	-		
Branchdale Dirt Bank			98,457	89,855	1,004	746	190,062	f	893,20	36,465	97	-	-	-	-	-	-		
Jewell Ridge Coal Co.																			
Primrose Slopes																			
Koch Co., Joseph	DM	Schuykill	706	1,918	230	17	2,871	9	2,500	-	127	34	-	-	-	-	-		
Koch's Breaker	BP	Schuykill	-	-	-	-	-	-	-	-	240	6	-	-	-	-	-		
Koperna Coal Co.																			
Top Split Vein Slope	DM	Schuykill	-	5,970	696	38	6,704	h	2,600	-	258	5	1	-	-	-	-		
Lincoln Anthracite Co.																			
Lincoln Anthracite Breaker	B	Schuykill	-	-	-	-	-	-	-	-	232	6	-	-	-	-	-		
Lincoln Dirt Bank	bk	Schuykill	29,371	-	-	-	99,371	-	-	-	232	10	-	-	-	-	-		
Nagle, Inc., W. Joseph			99,371	-	-	-	99,371	i	-	-	16	-	-	-	-	-	-		
West End Strip	\$	Schuykill	5,385	3,310	1,440	-	10,135	j	-	200	45	10	-	-	-	-	-		
Oakwood Coal Co.	BP	Schuykill	-	-	-	-	-	-	-	-	288	9	-	-	-	-	-		
Oakwood Breaker											202	10	-	-	-	-	-		
O'Brien Co., Pat	BP	Schuykill	-	-	-	-	-	-	-	-	248	139	-	19	-	-	-		
O'Brien's Breaker											254	7	-	-	-	-	-		
Penng Coal Co.	B	Schuykill	73,820	6,000	79,720	-	159,540	k	52,400	-	-	-	-	-	-	-	-		
Penns Collings	DM	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Potts Co., Allen	BP	Schuykill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Potts Breaker																			
Reading Anthracite Co.	s																		
Lorberry Colliery																1	1		
Rekla Coal Co.	DM	Schuykill	560	5,270	7,445	-	13,275	l	7,200	-	250	10	-	-	-	-	-		
Bottom Split Slope																			
Renninger Coal Co.	DM	Schuykill	12,390	18,175	2,810	70	33,445	m	15,300	-	241	28	-	2	-	-	-		
Buck Mountain Slope																			
Schneek Co., Thomas	BP	Schuykill	-	-	-	-	-	-	-	-	286	14	-	-	-	-	-		
Schneek's Breaker																			
Shally Construction Co.																			
Red Mountain Strip	S	Schuykill	5,060	3,840	425	-	9,325	o	400	-	261	3	-	-	-	-	-		
Spanake & Herring Co.	DM	Schuykill	460	9,670	1,680	-	11,810	n	13,500	-	271	6	-	-	-	-	-		
Buck Mountain Slope																			
Swatara Coal Co., Inc.																			
Swatara Breaker	BP	Schuykill	-	-	-	-	-	-	-	-	232	25	-	-	-	-	-		
Swatara Strip	S	Schuykill	38	382	112	-	532	-	-	-	28	4	-	-	-	29	-		
Total			38	382	112	-	532	-	-	-	532	-	-	-	-	-	-		

		District 25				District 26			
		Production = Net tons		Used at		Pounds		Pounds	
		Shipped to market:	Sold to local	Colliery for steam	Total production:	Pounds explosive used	Pounds dynamite used	Days worked	Employers
Operators and Collieries	County	By railroad	By truck:	Trade and heat	Used at	permissible explosives	dynamite	over days	Fatal accidents
Tremont Coal Co.	BP	Schuylkill	-	-	-	-	-	16	7
Tremont Breaker	BP	Schuylkill	540	306	74	920 q	-	20	3
Valosin Coal Co.	S	Schuylkill							
Blackwood Strip									
Woratyla & Gregans Co.									
Middle Split Slope	DM	Schuylkill	5,820	8,160	2,936	16,916 r	5,100	280	11
District Total			352,257	205,388	121,040	1,295	679,980	1,110,320	225
DM - Deep Mined	S - Stripping	Bk - Bank							546
(a) - All coal prepared at Anthracite Fine Coals, Inc.									2
(b) - All coal prepared at Anthracite Fine Coals, Inc.									
(c) - All coal prepared at Swatra Breaker.									
(d) - 36,210 tons prepared at Indian Head Breaker.									
6,464 tons prepared at Direnzo Breaker - District 21.									
6,718 tons prepared at Underoffier Breaker - District 30.									
5,916 tons prepared at D. & Z. Breaker - District 24.									
3,198 tons prepared at Potts Breaker.									
(e) - All coal prepared at Kocher Breaker - District 16.									
(f) - All coal prepared at Indian Head Breaker.									
(g) - All coal prepared at Kocher Breaker - District 16.									
(h) - All coal prepared at Franklin Breaker.									
(i) - All coal prepared at Lincoln Anthracite Breaker.									
(j) - All coal prepared at Anthracite Fine Coals, Inc.									
(k) - All coal prepared at Penag Colliery Breaker.									
(l) - All coal prepared at Old Mill Breaker - District 21.									
Alessi Coal Co.	DM	Schuylkill	1,397	932	2,330	-	4,659 a	850	-
Buck Mountain Slope	BP	Schuylkill	-	-	-	-	-	-	273
Altamont Coal Co.	BP	Schuylkill	-	-	-	-	-	-	5
Altamont Breaker	BP	Schuylkill	-	-	-	-	-	-	-
Atkins Coal Co.	BP	Schuylkill	-	-	-	-	-	-	3
Atkins Breaker	BP	Schuylkill	-	-	-	-	-	-	-
Becker Coal Co.	DM	Schuylkill	580	386	967	-	1,933 a	450	-
Buck Mountain Slope									
Deep Mined							303,067		
Stripping							186,081		
Bank							190,082		
Total							679,980		

Non-fatal accidents

BP - Breather Preparation Only

W - Washery

(n) - 14,845 tons prepared at Kocher Breaker - District 16.

(m) - 2,569 tons prepared at Old Mill Breaker - District 21.

(o) - 6,934 tons prepared at Direnzo Breaker - District 21.

(p) - 3,766 tons prepared at Schneiders Breaker.

(q) - 460 tons prepared at Franklin Breaker.

(r) - 2,871 tons prepared at Indian Head Breaker.

(s) - All coal prepared at Franklin Breaker.

(t) - All coal prepared at Anthracite Fine Coals, Inc.

(u) - All coal prepared at Swatra Breaker.

(v) - All coal prepared at Anthracite Fine Coals, Inc.

(w) - All coal prepared at Snakara Breaker.

(x) - Reading Anthracite Co. was not engaged in work in the 25th District.

(y) - Victim was an employee of Wadesville Construction Co., who was temporarily in the 25th District at the abandoned Lorberry Colliery reclaiming materials.

Operators and Collieries	County	District 26				Days worked	Days worked	Non-fatal accidents	
		Production - Net tons		Sold to market	Used at colliery				
		Shipped to market By rail road	Shipped to market By truck	Local trade	for steam and heat	production			
Blaschak Coal Co.	BP	Schuylkill	-	-	-	-	-	147	10
Boner & Webb Coal Co.	DM	Schuylkill	872	582	1,454	2,908 a	1,050	233	5
Skidmore Slope	bk	Schuylkill	39,536	-	-	39,536	-	115	11
Candleton Coal Co.	w	Schuylkill	-	-	-	-	-	-	3
Candiemus Banks	Englewood Coal Co.	BP	Schuylkill	-	-	-	-	288	5
Englewood Breaker	DM	Schuylkill	-	388	3,504	3,892 b	5,550	300	5
Fegley Bros. Coal Co.	bk	Schuylkill	-	34,923	-	34,923 c	-	82	10
Skidmore Slope	Garrett, Richard	BP	Schuylkill	4,290	3,285	341	7,916	-	18
Tunnel Ridge Bank	S	Schuylkill	3,209	2,457	253	5,919	-	22	8
Gilberton Coal Co.	bk	Schuylkill	7,499	5,742	594	13,835 d	-	7	-
Dauphin Strips	r	Schuylkill	-	4,160	-	4,160 e	-	21	9
St. Nicholas Banks	DM	Schuylkill	317	655	883	1,855 f	1,750	89	6
Total	DM	Schuylkill	198	215	1,048	1,461 g	100	1,050	190
Prinzrose Banks	DM	Schuylkill	902	19,825	1,939	84	22,750	-	175
Jason Coal Co.	bk	Schuylkill	-	-	-	-	-	300	3
No. 6 Slope	BP	Schuylkill	9,884	4,959	2,706	17,549	-	38	11
Jones Coal Co.	s	Schuylkill	12,482	6,262	3,417	22,161	11,450	192	16
Split Slope	S	Schuylkill	22,366	11,221	6,123	39,710 h	11,450	187	15
Locust Valley Coal Co.	t	Schuylkill	-	-	-	-	-	42	4
Mountainside Bank	Poca Coal Co., Inc.	BP	Schuylkill	29,909	15,004	8,186	53,099	37,500	12,200
Mazalika Bros. Coal Co.	Poca Coal Co., Inc.	DM	Schuylkill	-	-	-	-	149	160
Mazalika Breaker	Morea Strips	DM	Schuylkill	29,909	15,004	8,186	53,099	37,500	12,200
New Boston Strips	Prim Slope	BP	Schuylkill	2,563	1,519	1,050	-	94	28
Park Strips	Park Strips	DM	Schuylkill	-	574	862	-	300	5
Total	Poca Coal Co., Inc.	DM	Schuylkill	-	-	1,436 j	1,600	2,300	167
Lahigh-Park Breaker	Poca Shaft	DM	Schuylkill	-	-	-	-	-	-
Morea Strips	U	BP	Schuylkill	-	-	-	-	-	-
Total	Pleasant Hill Coal Co.	DM	Schuylkill	-	-	-	-	-	-
Skidmore Slope	Pleasant Hill Coal Co.	DM	Schuylkill	-	-	-	-	-	-
Prim Slope	Prim Slope	DM	Schuylkill	-	-	-	-	-	-

District 26				District 27				
				Production - net tons	Pounds dynamite used	Days worked	Fatal overs. accidents	
				Shipped to market : Sold to colliery : Total : Total production used	permits issued explosives used	Empl. acci- dents	fatal deaths	
Operators and Coalriers	County	Railroad	truck:	(q) - Ceased operating April 1961. (r) - Ceased operating October 1961. (s) - Ceased operating May 1961. (t) - Ceased operating November 1961. (u) - Ceased operating November 1961. (v) - Operated by Reserve Carbon Corp. during January 1961 and 69,149 tons of coal produced. (w) - Ceased operating August 1961. (x) - Ceased operating July 1961. (y) - Ceased operating January 1961.				
(g) - 767 tons of coal prepared at Wessner Breaker.								
694 tons of coal prepared at Spytop Breaker.								
(h) - All coal prepared at Morea Breaker.								
(i) - 4,551 tons of coal prepared at Lehigh-Park Breaker.								
581 tons of coal prepared at Blaschak Breaker.								
(j) - All coal prepared at Blaschak Breaker.								
(k) - 15,128 tons of coal prepared at Blaschak Breaker.								
480 tons of coal prepared at Dimnick Breaker - District 24.								
590 tons of coal prepared at Bar-Mac Breaker - District 24.								
(l) - 2,449 tons of coal prepared at Spytop Breaker.								
1,221 tons of coal prepared at Blaschak Breaker.								
1,48 tons of coal prepared at Atkins Breaker.								
(m) - 2,210 tons of coal prepared at Blaschak Breaker.								
676 tons of coal prepared at Atkins Breaker.								
(n) - All coal prepared at Morea Breaker.								
(o) - All coal prepared at Blaschak Breaker.								
(p) - 1,666 tons of coal prepared at Blaschak Breaker.								
583 tons of coal prepared at Spytop Breaker.								
Ashland Valley Coal Co.	B	S	Schuylkill	-	-	-	-	
Girardville Strip	B	S	Schuylkill	2,404	11,526	1,960	-	
Bowman-Coleman Coal Co.	S	bk	Schuylkill	-	-	-	-	
No. 1-2-3-4 Slopes	DM		Schuylkill	1,294	616	424	-	
Capparell Coal Co., Inc.	BP	Schuylkill	Schuylkill Co., Inc.	1,178	15,411	3,128	-	
Rosa Breaker	BP	Schuylkill	Schuylkill	-	-	-	-	
Capparell Stripping & Construction Co., Inc.	S	bk	Schuylkill	-	-	-	-	
West Shenandoah Bank	DM	Schuylkill	Schuylkill	-	-	-	-	
Dando Coal Co.	DM	Schuylkill	Schuylkill	-	-	-	-	
No. 12 Rock Slope	DM	Schuylkill	Schuylkill	-	-	-	-	
Undo Mining Co., D. J.	DM	Schuylkill	Schuylkill	-	-	-	-	
No. 3 Rock Slope	DM	Schuylkill	Schuylkill	-	-	-	-	
Deitrick & Ebert Coal Co.	DM	Schuylkill	Schuylkill	-	-	-	-	
No. 2 & 3 Slopes	DM	Schuylkill	Schuylkill	-	-	-	-	
Five Par Coal Co.	BP	Schuylkill	Schuylkill	-	-	-	-	
Kembler Breaker	BP	Schuylkill	Schuylkill	-	-	-	-	
Forsam Coal Co.	DM	Schuylkill	Schuylkill	-	-	-	-	
No. 1-2-3-4 Slopes	DM	Schuylkill	Schuylkill	-	-	-	-	

District 27

Production - net tons			Permit			Non-fatal accidents		
Shipped to market:	Sold	Used at	Permit	Total	Pounds	Dynamite	Days	Employed
By railroad	By truck	Trade and heat	Explosives	used	dynamite	worked	days	accidents
Operators and Collieries	County							
(1) - 1,360 tons prepared at D. & Z. Breaker - District 24.		(r) - All coal prepared at Mammoth Breaker - District 22.						
5,462 tons prepared at Donaldson Breaker - District 25.		(s) - All coal prepared at Millersville Breaker.						
761 tons prepared at Split Vein Breaker - District 24.		(t) - All coal prepared at Donaldson Breaker - District 25.						
649 tons prepared at K. & D. Breaker - District 24.		(u) - All coal prepared at B. & N. Breaker - District 21.						
(k) - All coal prepared at Superior Breaker - District 16.		(v) - All coal prepared at Live Oak Breaker - District 21.						
(l) - 7,422 tons prepared at K. & P. Breaker - District 21.		(w) - All coal prepared at St. Nicholas Breaker - District 26.						
2,741 tons prepared at Kocher Breaker - District 16.		Company operated during January 1961 as Carbon Reserve Corp.						
17,319 tons prepared at Hillside Breaker - District 25.		(x) - All coal prepared at Devon Breaker - District 29.						
(m) - 4,905 tons prepared at D. & Z. Breaker - District 24.		(y) - 4,689 tons prepared at Donaldson Breaker - District 25.						
903 tons prepared at Bar-Nac Breaker - District 24.		522 tons prepared at Superior Breaker - District 16.						
1,500 tons prepared at Black Hawk Breaker - District 21.		513 tons prepared at Kemble Breaker.						
312 tons prepared at Donaldson Breaker - District 25.		(z) - 825 tons prepared at Reicheim & Beury Breaker.						
(n) - 10,731 tons prepared at Blaschak Breaker - District 24.		546 tons prepared at Dark Corners Breaker - District 24.						
192 tons prepared at Mammoth Breaker - District 22.		7,592 tons prepared at Kocher Breaker - District 16.						
(o) - All coal prepared from banks in the 27th District.		(aa) - All coal prepared at Franklin Breaker - District 25.						
(p) - 2,144 tons prepared at Hillside Breaker - District 25.		(bb) - All coal prepared at Minersville Breaker - District 21.						
2,260 tons prepared at Kocher Breaker - District 16.		(cc) - 10,712 tons prepared at Blaschak Breaker - District 26.						
(q) - All coal prepared at Malho Breaker. Stripping operation stopped during January 1961.		2,481 tons prepared at Mammoth Breaker - District 22.						

District 28

Deep Mined	- 279,649
Stripping	- 848,622
Bank	- 152,722
Total	- 1,280,993

District 28

B. & H. Coal Co.								
No. 2 Vein Slope a	DM	Northumberland	363	5,982	404	6	6,755 b	1,450
Bednarczyk Coal Co.	DM	Northumberland	822	8,537	2,169	12	11,540 c	8,000
No. 3 Slope	DM	Northumberland	90	3,794	4,294	7	8,185 e	1,250
D. H. & W. Coal Co.	DM	Northumberland	29	37	42	-	108 h	-
No. 1 Slope d	DM	Northumberland	10,884	11,593	1,183	15	23,675 i	12,000
Edgewood Contracting Co.	S	Northumberland	120	3,841	347	4	4,312 j	1,750
Cameron Strip g	DM	Northumberland						
Gowen Coal Co.	DM	Northumberland						
No. 1 & 2 Slopes	DM	Northumberland						
H. & W. Coal Co.	DM	Northumberland						
No. 1 Slope	DM	Northumberland						

		District 30							
		Production - net tons		Used at colliery		Pounds dynamite used		Non-fatal accidents	
Operators and Collieries		Country	Sold to market:	Sold to local for steam	Total production:	Pounds explosives used	Days worked	Fatal accidents	Fatal accidents
:	:		Shipped to market:	By railroad truck:	and heat	used	used	days	accidents
1	2	3	4	5	6	7	8	9	10
Elizabethville Coal Co.									
Elizabethville Bank	bk	Dauphin	-	17,200	-	-	-	150	1
Elizabethville Washery	w	Dauphin	-	17,200	-	-	-	150	2
Total			-	-	17,200	-	-	300	3
H. H. & S. Coal Co.									
No. 5 & 6 Vein Strips	s	Dauphin	34,347	7,538	-	41,885 e	1,600	-	-
Herring Brothers Coal Co.									
No. 4 Vein Slope	dm	Schuylkill	516	7,180	1,130	22	8,848 f	8,700	5,200
K. & C. Coal Co.	dm	Dauphin	54	153	16	2	225 g	150	-
Holmes Vein Slope	dm	Dauphin	2,543	-	-	2,543 h	550	-	-
K. D. T. Coal Co.	dm	Dauphin	1,554	302	1,666	1	3,523 i	1,650	-
Shiro Tunnel	dm	Schuylkill	2,257	1,903	1,027	13	5,200 j	3,200	-
K. E. W. Coal Co.	dm	Dauphin	282	1,310	83	13	1,668 k	1,000	1,350
White's Vein Slope	dm	Dauphin	-	-	-	-	-	-	-
Keffers Coal Co.	dm	Dauphin	-	-	-	-	-	-	-
No. 5 Vein Slope	dm	Lebanon	-	1,654	-	-	1,654	-	-
Kelm Coal Co.	dm	Lebanon	-	-	-	-	-	-	-
No. 5 Tunnel	dm	Dauphin	-	-	-	-	-	-	-
Kelly Coal Co.	ramp	Dauphin	-	-	-	-	-	-	-
Kelly Ramp	dm	Dauphin	455	1,286	133	17	1,891 l	2,500	-
Koppenhaver Coal Co.	dm	Dauphin	-	-	-	-	-	-	-
Holmes Slope	dm	Lebanon	-	-	-	-	-	-	-
Kreiser, Harvey C.	bk	Lebanon	-	-	-	-	-	-	-
Kreiser Bank	w	Lebanon	-	-	-	-	-	-	-
Kreiser Washery			-	1,654	-	-	1,654 m	-	2
Total			-	-	-	-	-	-	-
L. & R. Coal Co.									
L. & R. Bank	bk	Dauphin	300	-	-	300	-	-	-
L. & R. Washery	w	Dauphin	-	-	-	300 n	-	-	-
Total			300	-	-	300 n	-	-	2
Maurer Coal Co., Wilmer									
White's Vein Slope	dm	Schuylkill	218	4,701	237	28	5,184 o	3,300	-
Meadowbrook Coal Co.	bp	Dauphin	-	-	-	-	-	-	-
Meadowbrook Breaker	bp	Dauphin	380	7,709	983	28	9,100 p	5,200	-
Number Four Coal Co.	dm	Schuylkill	-	-	-	-	-	-	-
White's Vein Slope	dm	Dauphin	-	-	-	-	-	-	-
P. & W. V. Coal Co.	ramp	Dauphin	-	-	-	-	-	-	-
P. & W. V. Ramp	dm	Dauphin	-	-	-	-	-	-	-
Phoenix Contracting Co.	bk	Schuylkill	18,000	-	-	-	18,000	-	-
Sheridan Bank			-	-	-	-	-	-	-

		District 30 Production - net tons		Pounds		Non- permis- sible ex- plosives		Pounds		Days		Empl- oyees		Fatal acci- dents	
		Shipped to market By railroad	Sold By truck	Used in collery local for steam trade and heat	Used in factory	Total	Produc- tion	Dynamite used	Days worked	Days oxes	Empl- oyees	Days dents	Days acci- dents	Days acci- dents	
Operators and Collieries	County														
(f)		- 1,620 tons prepared at O'Brien's Breaker - District 25.		(t) - All coal prepared at Ready Washery.											
(g)		- 7,158 tons prepared at Schneck Breaker - District 25.		(u) - 11,614 tons shipped to P. & W. V. Ramp.											
(h)		- All coal prepared at Kocher Breaker - District 16.		693 tons shipped to Kelly Ramp.											
		Mine abandoned in June 1961.		10,913 tons prepared at Stonethill Breaker.											
(h)		- All coal shipped to P. & W. V. Ramp.		13,174 tons prepared at Strohecker Breaker.											
		Mine abandoned in August 1961.		2,585 tons prepared at Meadowbrook Breaker.											
(i)		- 185 tons prepared at Underkoffler Breaker.		590 tons prepared at Deitrich Breaker.											
(j)		- 3,302 tons prepared at Penag Breaker - District 25.		(v) - All coal prepared at Underkoffler Breaker.											
		36 tons prepared at Anthracite Fine Coal, Inc. - District 25.		(w) - 500 tons shipped to P. & W. V. Ramp.											
(j)		- 1,290 tons prepared at Oakwood Breaker - District 25.		720 tons prepared at Anthracite Fine Coal, Inc. - District 25.											
		2,750 tons prepared at Anthracite Fine Coal, Inc. - District 25.		10,780 tons prepared at Sheridan Washery.											
(k)		- 1,000 tons prepared at Penag Breaker - District 25.		(x) - 11,155 tons prepared at Woodward Breaker - District 25.											
		200 tons prepared at Kocher Breaker - District 16.		2,336 tons prepared at Anthracite Fine Coal, Inc. - District 25.											
(k)		- 517 tons prepared at Underkoffler Breaker.		885 tons prepared at Penag Breaker - District 25.											
		1,171 tons prepared at Kocher Breaker - District 16.		17 tons prepared at Franklin Breaker - District 25.											
(l)		- All coal prepared at Kocher Breaker - District 16.		204 tons prepared at Swatara Breaker - District 25.											
		(m) - All coal prepared at Kiesler Washery.		292 tons prepared at Superior Breaker - District 16.											
(n)		- All coal prepared at L. & R. Washery.		(y) - All coal shipped to P. & W. V. Ramp.											
		(o) - 4,714 tons prepared at Underkoffler Breaker.		(z) - 3,116 tons prepared at Underkoffler Breaker.											
		470 tons prepared at Penag Breaker - District 25.		4,612 tons prepared at Strohecker Breaker.											
(p)		- 3,235 tons prepared at Underkoffler Breaker.		161 tons prepared at Hedges Breaker - District 25.											
		455 tons prepared at Strohecker Breaker.		17 tons prepared at Penag Breaker - District 25.											
		3,458 tons prepared at Superior Breaker - District 16.													
(q)		- 1,952 tons prepared at Koch Breaker - District 25.													
		(r) - All coal prepared at Sheridan Washery.													
		1,154 tons prepared at Underkoffler Breaker.		Deep Mined - 131,741											
		2,324 tons prepared at Strohecker Breaker.		Stripping - 53,885											
		57 tons prepared at Penag Breaker - District 25.		Bank - 42,354											
(s)		- 2,770 tons prepared at Meadowbrook Breaker.		Total - 227,950											
		6,140 tons prepared at Strohecker Breaker.													
		4,870 tons prepared at Stonethill Breaker.													
		1,173 tons prepared at Deitrich Breaker.													
		57 tons prepared at Swift Breaker - District 24.													
		Mine abandoned September 1961.													

STRIP MINING
PRODUCTION
TABLE

COMMONWEALTH OF PENNSYLVANIA
ANTHRACITE STRIP MINE PRODUCTION

YEAR--1961

Company	County	Production	Employees
<u>DISTRICT 1</u>			
Baumann, J. C.	Lackawanna	125	4
Carbondale Coal Co.	Lackawanna	117,746	63
Carco, Inc.	Lackawanna	16,346	26
Ciclo Bros.	Lackawanna	1,145	4
E. & H. Coal Co.	Lackawanna	6,020	7
Gasparini Excavating Co.	Lackawanna	125	6
Halsey Contracting Co., Inc.	Lackawanna	9,193	10
Hudson Coal Co.	Lackawanna	231,694	116
Kuna Coal Co.	Lackawanna	1,950	6
Masters Contracting Corp.	Wayne	1,318	6
Northwest Coal Co.	Lackawanna	2,010	3
Slenksa Coal Co.	Lackawanna	861	4
Torch Coal Co.	Lackawanna	1,813	3
District Total		<u>390,346</u>	<u>258</u>
<u>DISTRICT 2</u>			
Botcheller, Inc., L. J.	Lackawanna	1,315	7
Giombetti Coal Co., Leo	Lackawanna	405	3
Greenwood Coal Co.	Lackawanna	1,442	4
Lombardi Coal Co., Inc.	Lackawanna	2,094	4
Moffat Coal Co., Inc.	Lackawanna	1,402	6
P. R. & S. Coal Co., Inc.	Lackawanna	296	3
District Total		<u>6,954</u>	<u>27</u>
<u>DISTRICT 3</u>			
Kaminski Bros., Inc.	Lackawanna	4,518	9
Moffat Coal Co., Inc.	Lackawanna	47,116	52
District Total		<u>51,634</u>	<u>61</u>
<u>DISTRICT 7</u>			
Glen Alden Corp.	Luzerne	199,784	110
Susquehanna Coal Co.	Luzerne	98,564	60
District Total		<u>298,348</u>	<u>170</u>
<u>DISTRICT 11</u>			
A. S. V. Coal Co.	Luzerne	2,678	3
Bliss Coal Co.	Sullivan	11,147	6
C. B. M. Coal Co.	Luzerne	1,920	4
Capone Coal Co.	Luzerne	59,037	24
E. B. Coal Sales	Sullivan	2,710	4
Glen Alden Corp.	Luzerne	16,162	23
Hudson Coal Co.	Luzerne	201,867	160
Kaminski Bros., Inc.	Luzerne	5,799	5
Number One Contracting Co.	Luzerne	479,832	144
Rushbrook Coal Co.	Luzerne	642	2
Sullivan Trail Coal Co.	Luzerne	-	139
District Total		<u>781,794</u>	<u>514</u>
<u>DISTRICT 13</u>			
Glen Alden Corp.	Luzerne	117,480	64
District Total		<u>117,480</u>	<u>64</u>
<u>DISTRICT 14</u>			
Glen Alden Corp.	Luzerne	135,815	47
Susquehanna Coal Co.	Luzerne	4,479	4
District Total		<u>140,294</u>	<u>51</u>
<u>DISTRICT 15</u>			
Beaver Brook Coal Co.	Luzerne	4,195	14

Company	County	Production	Employees
<u>DISTRICT 15 (Continued)</u>			
Chisnell Coal Co., Inc.	Luzerne	2,827	8
Gowen Coal Co.	Luzerne	16,325	30
Honeybrook Mines, Inc.	Carbon	18,238	10
Honeybrook Mines, Inc.	Schuylkill	304,889	134
Jeddo-Highland Coal Co.	Luzerne	342,577	233
Rodino Trucking Co., Peter	Schuylkill	6,977	12
Sandy Run Miners & Producers, Inc.	Luzerne	7,750	9
Sullivan Trail Coal Co.	Carbon	178,229	111
Sullivan Trail Coal Co.	Luzerne	367,469	101
District Total		<u>1,249,476</u>	<u>662</u>
<u>DISTRICT 16</u>			
Wilson Coal Co.	Schuylkill	8,585	9
District Total		<u>8,585</u>	<u>9</u>
<u>DISTRICT 17</u>			
Edgewood Contracting Co.	Northumberland	9,496	4
Fogler & Chapleski Co.	Northumberland	2,880	3
Minel, Inc.	Northumberland	16,487	10
Reading Anthracite Co.	Northumberland	41,217	114
Trevortown Coal Co.	Northumberland	195,671	*
District Total		<u>265,751</u>	<u>131</u>
<u>DISTRICT 18</u>			
Charbon Fuel Sales, Inc.	Schuylkill	1,920	7
Greenwood Stripping Corp.	Schuylkill	576,442	216
Greenwood Stripping Corp.	Carbon	153,912	86
Meadow Coal & Excavating Co.	Schuylkill	4,661	5
Newkirk Mining Co.	Schuylkill	111,997	96
Schock, Norman C.	Schuylkill	18,340	23
District Total		<u>867,272</u>	<u>433</u>
<u>DISTRICT 19</u>			
Canfield Construction Co.	Schuylkill	15,590	6
Krell & Herbert Co.	Schuylkill	4,723	a
Reading Anthracite Co.	Schuylkill	366,847	155
Tenaglia Coal Co. b	Schuylkill	3,448	9
District Total		<u>390,608</u>	<u>170</u>
<u>DISTRICT 20</u>			
C. & J. Coal Co.	Northumberland	1,383	7
Jeddo-Highland Coal Co.	Columbia	58,489	23
Jeddo-Highland Coal Co.	Northumberland	8,392	16
K. & K. Coal Co.	Northumberland	2,660	3
Susquehanna Coal Co.	Northumberland	22,297	17
District Total		<u>93,221</u>	<u>66</u>
<u>DISTRICT 21</u>			
Gavalis, Joseph	Schuylkill	6,606	6
Hauptly, J. & Hoke C.	Schuylkill	12,704	11
Marko Land Co.	Schuylkill	13,251	12
Mussoline Bros. Stripping Co., Inc.	Schuylkill	80	4
Nagle, Inc., W. Joseph	Schuylkill	13,122	10
Reading Anthracite Co.	Schuylkill	168,455	124
Schuylkill Contracting Co.	Schuylkill	44,045	16
Tropp, L. & J.	Schuylkill	6,326	7
District Total		<u>264,589</u>	<u>190</u>
<u>DISTRICT 22</u>			
Jeddo-Highland Coal Co.	Columbia	50,089	20
Mammoth Coal Co.	Schuylkill	238,336	151
Pine Ridge Mining Co., Inc.	Schuylkill	10,160	8
Sanchez Construction Co.	Columbia	60,948	31
Tarone, Anthony	Schuylkill	100	3
District Total		<u>359,633</u>	<u>213</u>

Company	County	Production	Employees
<u>DISTRICT 23</u>			
C. & J. Coal Co.	Northumberland	455	9
Chervanik Associates	Northumberland	397	5
H. H. & S. Coal Co.	Northumberland	863	6
Millard Coal Co.	Northumberland	1,524	5
Reading Anthracite Co.	Northumberland	43,463	51
Thomas & Bros., Inc., W. H.	Northumberland	8,914	9
District Total		<u>55,616</u>	<u>85</u>
<u>DISTRICT 24</u>			
North Line Coal Co.	Northumberland	<u>16,501</u>	<u>9</u>
District Total		<u>16,501</u>	<u>9</u>
<u>DISTRICT 25</u>			
BrenBar Contracting Co.	Schuylkill	31,956	10
Gavilis Co., Joseph	Schuylkill	6,700	7
Hickory Contracting Co.	Schuylkill	8,246	9
Indian Head Coal Co.	Schuylkill	119,017	54
Nagle, Inc., W. Joseph	Schuylkill	10,135	10
Shally Construction Co.	Schuylkill	9,325	3
Swatara Coal Co., Inc.	Schuylkill	532	4
Valosin Coal Co.	Schuylkill	920	3
District Total		<u>186,831</u>	<u>100</u>
<u>DISTRICT 26</u>			
Gilberton Coal Co.	Schuylkill	7,916	8
Morea Mining Co.	Schuylkill	39,710	42
Reading Anthracite Co.	Schuylkill	743,528	300
District Total		<u>791,154</u>	<u>350</u>
<u>DISTRICT 27</u>			
Ashland Valley Coal Co.	Schuylkill	-	11 c
Gilberton Coal Co.	Schuylkill	328,510	148
Malhi Coal Co.	Schuylkill	335	4
Mammoth Coal Co.	Schuylkill	290,521	81
McDonald, Joseph	Schuylkill	450	2
Pine Ridge Mining Co.	Schuylkill	7,340	5
Reading Anthracite Co.	Schuylkill	166,499	59
Reading Anthracite Co.	Columbia	54,967	33
District Total		<u>848,622</u>	<u>343</u>
<u>DISTRICT 28</u>			
Edgewood Contracting Co.	Northumberland	<u>108</u>	<u>3</u>
District Total		<u>108</u>	<u>3</u>
<u>DISTRICT 29</u>			
C. & F. General Contracting Co.	Northumberland	2,189	6
Chervanik Associates	Northumberland	31,952	15
Howells & Olaf	Northumberland	2,216	2
Thomas Bros.	Northumberland	4,312	9
District Total		<u>40,669</u>	<u>32</u>
<u>DISTRICT 30</u>			
H. H. & S. Co.	Dauphin	41,885	14
Talbot Realty Co., Inc.	Lebanon	<u>12,000</u>	<u>3</u>
District Total		<u>53,885</u>	<u>17</u>
Division Total		<u>7,279,371</u>	<u>3,958</u>

* - Employees retained from previous Operator, the Reading Anthracite Co.

(a) - Operated as Tenaglia Coal Co. prior to May 5, 1961 and all employees are included in the Tenaglia total.

(b) - Ceased operations during May, 1961.

(c) - No coal produced - ceased operations during June, 1961.

(d) - Ceased operations during May, 1961.

REPORT OF OPERATIONS
EMPLOYING
FEWER THAN FIVE PERSONS

REPORT COVERING
MINES EMPLOYING FEWER THAN FIVE PERSONS

1961

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL DENTS	ACCI- DENTS	NON-FATAL ACCIDENTS
<u>DISTRICT 1</u>							
Do-Leb Coal Co.	Lackawanna	1,040	92	3	-	-	-
Micklick Coal Co.	Lackawanna	287	168	3	-	-	-
Verbi Coal Co.	Lackawanna	1,396	240	2	-	-	-
District Total		<u>2,723</u>	<u>157</u>	<u>8</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>DISTRICT 2</u>							
Beggin Coal Co.	Lackawanna	952	126	2	-	-	-
D. & C. Coal Co.	Lackawanna	364	56	2	-	-	-
Major Coal Co.	Lackawanna	513	97	3	-	-	-
S. & M. Coal Co.	Lackawanna	1,419	130	3	-	-	-
S. S. & C. Coal Co.	Lackawanna	455	84	3	-	-	-
Tucker Coal Co.	Lackawanna	556	166	3	-	-	-
District Total		<u>4,259</u>	<u>111</u>	<u>16</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>DISTRICT 3</u>							
NO PRODUCTION.							
<u>DISTRICT 7</u>							
NO PRODUCTION.							
<u>DISTRICT 11</u>							
NO PRODUCTION.							
<u>DISTRICT 13</u>							
NO PRODUCTION.							
<u>DISTRICT 14</u>							
NO PRODUCTION.							
<u>DISTRICT 15</u>							
DeLance Contracting Co.	Schuylkill	960	102	4	-	-	-
Gatti Engineering, Inc.	Luzerne	200	20	3	-	-	-
Genee Mining Co.	Luzerne	200	50	3	-	-	-
Harjay & Co., Joseph	Schuylkill	1,120	215	3	-	-	-
Harwood Mining Corp.	Luzerne	1,796	126	4	-	-	-
Helock & Co.	Schuylkill	40	34	3	-	-	-
Holsopple, Achey & Novitsky	Luzerne	1,710	76	4	-	-	-
Kassa Coal Co.	Carbon	4,850	220	4	-	-	-
L. & D. Mining, Inc.	Luzerne	3,900	140	4	-	-	-
Marko Coal Co.	Schuylkill	2,194	215	4	-	-	-
Miller & Co.							
Buck Mountain Slope	Schuylkill	10	30	3	-	-	-
Gamma Slope	Schuylkill	5	5	3	-	-	-
No. 2 Gamma Slope	Schuylkill	35	35	3	-	-	-
Total		<u>50</u>	<u>-</u>	<u>9</u>	<u>-</u>	<u>-</u>	<u>-</u>
Novak, William							
No. 1 Slope	Schuylkill	30	20	3	-	-	-
No. 2 Slope	Schuylkill	10	5	2	-	-	-
Mammoth Slope	Schuylkill	-	5	2	-	-	-
Total		<u>40</u>		<u>7</u>	<u>-</u>	<u>-</u>	<u>-</u>
Pohida & Wessner	Luzerne	<u>100</u>	<u>30</u>	<u>3</u>	<u>-</u>	<u>-</u>	<u>-</u>

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCIDENTS	NON-FATAL ACCIDENTS
<u>DISTRICT 15 (Continued)</u>						
Rainbow Coal Co.	Luzerne	1,506	160	3	-	-
Rymarowicz, John	Schuylkill	503	56	3	-	-
Shadel Coal Co., Harry	Schuylkill	800	65	4	-	-
Shenandoah Coal Co.	Schuylkill	400	90	3	-	-
Shepton Coal Co.	Schuylkill	30	72	4	-	-
Smith, John	Schuylkill	55	25	3	-	-
Styka Brothers						
Buck Slope	Luzerne	85	20	2	-	-
Wharton Slope	Luzerne	375	25	3	-	-
Parlor Slope	Luzerne	40	20	2	-	-
Total		500	7	-	-	-
Swilp, J. V.	Schuylkill	320	40	4	-	-
Virgin Coal Co.	Luzerne	294	56	3	-	-
Whahoo Coal Co., John	Luzerne	1,485	93	4	-	-
Wittig & Fellin						
Little Buck Slope	Schuylkill	350	60	3	-	-
No. 7 Slope	Schuylkill	360	59	3	-	-
Total		710	6	-	-	-
District Total		23,763	78	99	-	-

DISTRICT 16

B. H. D. Coal Co.	Schuylkill	1,400	100	4	-	-
Bixler Co., Herman	Schuylkill	6,250	220	4	-	-
Black Diamond Coal Co.	Schuylkill	600	100	3	-	-
F. & S. Coal Co.	Schuylkill	100	20	3	-	-
G. K. Y. Coal Co.						
Mammoth Slope	Schuylkill	1,100	60	3	-	-
G. K. Y. Coal Co.						
Middle Split Slope	Schuylkill	1,200	60	4	-	-
G. & M. Coal Co.	Schuylkill	5,439	216	4	-	-
H. & G. Coal Co.	Schuylkill	6,633	221	4	-	-
Hatter Coal Co.	Schuylkill	1,425	95	3	-	-
Hikes Coal Co.	Schuylkill	1,100	45	4	-	-
Hoffman Coal Co.	Schuylkill	3,600	120	3	-	-
K. & N. Coal Co.	Schuylkill	4,800	264	3	-	-
Klouser & Miller Coal Co.	Schuylkill	800	40	4	-	-
Krapf Coal Co.	Schuylkill	4,000	200	3	-	-
L. O. B. Coal Co.	Schuylkill	137	90	3	-	-
Lucas Co., Fred	Schuylkill	490	55	3	-	-
Reiner Coal Co.	Schuylkill	246	35	4	-	-
Renninger & Thompson Co.	Schuylkill	814	150	3	-	-
Tri-Par Coal Co.	Schuylkill	3,681	148	4	-	-
Williamson Co., A. R.	Schuylkill	-	51	4	-	-
Zimmerman Coal Co.	Schuylkill	4,800	240	4	-	-
District Total		48,615	121	74	-	-

DISTRICT 17

B. & E. Coal Co.	Northumberland	5,700	300	4	-	-
B. & S. Coal Co.	Northumberland	56	80	3	-	-
Banks Coal Co.	Northumberland	8,387	216	4	-	-
Brady Coal Co.	Northumberland	19	14	3	-	-
Broken Coal Co.	Northumberland	78	69	3	-	-
Bruno & Piefer Coal Co.	Northumberland	6,045	264	4	-	-
C. & M. Coal Co.	Northumberland	2,397	90	4	-	-
Chestnut Coal Co.	Northumberland	3,595	260	4	-	-
Echo Coal Co.	Northumberland	1,607	122	4	-	-
F. & M. Coal Co.	Northumberland	30	45	3	-	-
Garcia Coal Co.	Northumberland	2,597	119	4	-	-
Gem Coal Co.	Northumberland	9,100	265	4	-	-
Gudelunas Coal Co.	Northumberland	1,480	212	3	-	-
Hickory Coal Co.	Northumberland	50	35	3	-	-
Hollow Coal Co.	Northumberland	46	24	3	-	-
Hope Coal Co.	Northumberland	11	47	2	-	-
Indian Chair Coal Co.	Northumberland	1,200	180	3	-	-
Kerstetter Coal Co.	Northumberland	12	26	2	-	-
Klebasco Bros. Coal Co.	Northumberland	878	147	2	-	-
Knob Coal Co.	Northumberland	85	58	3	-	-
Knob Coal Co.	Northumberland	40	30	3	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL ACCIDENTS	NON-FATAL ACCIDENTS
<u>DISTRICT 17 (Continued)</u>						
L. & M. Coal Co.	Northumberland	38	61	3	-	-
L. & N. Coal Co.	Northumberland	6,288	258	4	-	-
L. & R. Coal Co.	Northumberland	1,065	178	4	-	-
M. & L. Coal Co.	Northumberland	53	31	3	-	-
M. & M. Coal Co.	Northumberland	91	35	3	-	-
M. & M. Coal Co.	Northumberland	27	60	3	-	-
Mace Coal Co.	Northumberland	2,196	240	4	-	-
Machesis & Crissinger Coal Co.	Northumberland	8,440	245	4	-	-
Maple Leaf Coal Co.	Northumberland	2	1	2	-	-
Marquette Coal Co.	Northumberland	3,018	280	3	-	-
Minel, Inc.	Northumberland	300	70	3	-	-
Moore Coal Co.	Northumberland	17	65	3	-	-
N. & L. Coal Co.	Northumberland	3,240	206	3	-	-
Natural Coal Co.	Northumberland	310	90	3	-	-
North Side Coal Co.	Northumberland	8,037	257	4	-	1
Patrick Coal Co.	Northumberland	1,490	205	3	-	-
Pine Tree Coal Co.	Northumberland	10,881	305	4	-	-
Popular Coal Co.	Northumberland	410	65	3	-	-
R. & F. Coal Co.	Northumberland	18	26	3	-	-
R. & T. Coal Co.	Northumberland	4,689	210	4	-	-
Reed Brothers	Northumberland	517	72	4	-	-
Reed Mining Co.	Northumberland	1,309	72	4	-	-
Rocky Mountain Coal Co.	Northumberland	2,300	208	4	-	-
Sandy Coal Co.	Northumberland	24	18	2	-	-
Split Coal Co.	Northumberland	453	90	3	-	-
Springfield Coal Co.	Northumberland	20	12	2	-	-
Stan Coal Co.	Northumberland	3,050	200	4	-	-
Swamp Coal Co.	Northumberland	16	28	4	-	-
Taglieri Coal Co.	Northumberland	1,658	265	3	-	-
Trip Coal Co.	Northumberland	806	95	3	-	-
W. & W. Coal Co.	Northumberland	103	30	3	-	-
West End Coal Co.	Northumberland	198	22	2	-	-
Yale Coal Co.	Northumberland	562	42	4	-	-
Z. & M. Coal Co.	Northumberland	35	26	3	-	-
District Total		105,074	132	179	-	2

DISTRICT 18

Bartush & Borinsky Coal Co.	Schuylkill	280	105	3	-	-
Blashock Coal Co.	Schuylkill	792	192	3	-	-
Bushy Tract Coal Co.	Schuylkill	580	180	3	-	-
Click Coal Co.	Schuylkill	40	30	3	-	-
Condi Coal Co.	Schuylkill	380	62	3	-	-
Elli Coal Co.	Schuylkill	113	25	3	-	-
Fegley & Blew Coal Co.	Schuylkill	110	38	2	-	-
Fisher & Blanchard Coal Co.	Schuylkill	1,280	200	2	-	-
Frye Coal Co.	Schuylkill	140	75	2	-	-
Frye Coal Co., Thomas	Schuylkill	750	180	3	-	-
Frye Bros. Coal Co.	Schuylkill	750	90	3	-	-
Garber & Smilar Coal Co.	Schuylkill	-	15	2	-	-
Hahn Coal Co.	Schuylkill	450	115	3	-	-
Hard Luck Coal Co.	Schuylkill	112	48	4	-	-
Kanger Coal Co.	Schuylkill	120	40	2	-	-
Kristoff Coal Co.	Schuylkill	2,980	315	4	-	-
Markowsky & Ponzurick Coal Co.	Schuylkill	1,990	204	4	-	-
Murphy & Hnatirysen Coal Co.	Schuylkill	25	21	3	-	-
Murphy & Stefanick Coal Co.	Schuylkill	220	45	3	-	-
Miadna Coal Co., Frank	Schuylkill	2,925	210	4	-	-
Novak Coal Co.	Schuylkill	575	120	3	-	-
Owl Coal Co.	Schuylkill	96	24	3	-	-
Peach Mountain Coal Co.	Schuylkill	460	124	3	-	-
Peck Coal Co.	Schuylkill	450	120	3	-	-
Pinedale Coal Co.	Schuylkill	200	80	3	-	-
Popnick & Wassel Coal Co.	Schuylkill	80	30	2	-	-
Primrose Coal Co.	Schuylkill	410	67	3	-	-
Rainbow Coal Co.	Schuylkill	180	132	3	-	-
S. & H. Coal Co.	Schuylkill	584	120	3	-	-
S. & S. Coal Co.	Schuylkill	300	60	4	-	-
S. F. & M. Coal Co.	Schuylkill	380	97	3	-	-
S. P. & F. Coal Co.	Schuylkill	480	90	3	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL ACCIDENTS	NON-FATAL DENTS ACCIDENTS
DISTRICT 18 (Continued)						
S. P. & M. Coal Co.	Schuylkill	350	87	3	-	-
Skripnek Coal Co.	Schuylkill	1,236	229	3	-	-
Valley Coal Co.	Schuylkill	115	36	3	-	-
Whippoorwill Coal Co.	Schuylkill	882	126	2	-	-
Diamond Slope	Schuylkill	2,032	250	4	-	-
Top Split Slope	Schuylkill					
Total		2,914		6	-	-
Yanochko & Miller Coal Co.	Schuylkill	1,544	174	4	-	-
District Total		24,391	116	114	-	-

DISTRICT 19						
B. D. & K. Coal Co.	Schuylkill	270	45	3	-	-
B. & K. Coal Co.	Schuylkill	40	20	2	-	-
B. & K. Partnership	Schuylkill	90	30	3	-	-
B. & M. Coal Co.	Schuylkill	110	25	3	-	-
B. & S. Coal Co.	Schuylkill	200	50	3	-	-
Basgil Bros. Coal Co.	Schuylkill	512	43	4	-	-
Bernitsky & Stenulis Part.	Schuylkill	6,600	251	4	-	-
Blishock Bros. Partnership	Schuylkill	650	175	2	-	-
Buchinsky Partnership	Schuylkill	100	25	2	-	-
Butensky Coal Co.	Schuylkill	5,160	285	4	-	-
C. B. & D. Coal Co.	Schuylkill	240	40	3	-	-
C. G. & S. Partnership	Schuylkill	576	140	3	-	-
C. K. & G. Coal Co.	Schuylkill	200	50	3	-	-
C. N. & P. Partnership	Schuylkill	3,000	220	3	-	-
C. S. & K. Coal Co.	Schuylkill	426	142	2	-	-
Cocoanut Coal Co.	Schuylkill	180	60	2	-	-
Colitz Coal Co., Joseph	Schuylkill	455	50	4	-	1
Connors & Tokash Partnership	Schuylkill	240	140	2	-	-
Cooper Coal Co., Adam	Schuylkill	-	2	3	-	-
Cooper & Co.	Schuylkill	720	90	3	-	-
Cooper Coal Co.	Schuylkill	80	16	3	-	-
Cooper Part. Coal Co.	Schuylkill	550	100	3	-	-
Cooper Partnership	Schuylkill	650	110	3	-	-
Diamond Slope	Schuylkill	90	20	3	-	-
Bottom Split Slope	Schuylkill					
Total		740		6	-	-
D. & D. Coal Co.	Schuylkill	1,400	255	3	-	-
D. & J. Coal Co.	Schuylkill	950	120	4	-	-
Doby Coal Co.	Schuylkill	54	18	2	-	-
Dudash Partnership	Schuylkill	220	25	3	-	-
Bottom Split Slope	Schuylkill	550	75	3	-	-
Gob Vein Slope	Schuylkill					
Total		770		6	-	-
F. & P. Coal Co.	Schuylkill	920	170	3	-	-
F. & P. Partnership	Schuylkill	200	48	2	-	-
Four Par Coal Co.	Schuylkill	432	48	4	-	-
G. & B. Partnership	Schuylkill	520	100	2	-	-
G. & C. Partnership	Schuylkill	65	16	2	-	-
Goranty Coal Co., Earl	Schuylkill	800	90	4	-	-
Gormas Bros. Coal Co.	Schuylkill	1,650	200	3	-	-
Govern Coal Co.	Schuylkill	400	80	2	-	-
Gublinsky & Slotcavage Part.	Schuylkill	470	85	2	-	-
Gudinas Co., Albert	Schuylkill	125	25	2	-	-
H. & C. Partnership	Schuylkill	180	30	3	-	-
Halaburda Bros. Coal Co.	Schuylkill	2,922	282	3	-	-
Halupa Partnership	Schuylkill	260	20	3	-	-
Hardship Coal Co.	Schuylkill	164	25	3	-	-
Horvath Partnership	Schuylkill	3,037	260	3	-	-
K. H. & E. Coal Co.	Schuylkill	1,010	180	3	-	-
K. & M. Coal Co.	Schuylkill	350	80	2	-	-
Keller & Connors Partnership	Schuylkill	40	10	2	-	-
Keysock & Klinger Partnership,	Schuylkill	2,010	220	3	-	-
Keysock & Wolfe Partnership	Schuylkill	200	45	2	-	-
Kost Coal Co.	Schuylkill	150	60	2	-	-
Labella Coal Co.	Schuylkill	200	25	3	-	-
Last Coal Co.	Schuylkill	80	20	3	-	-
M. & H. Coal Co.	Schuylkill	120	24	3	-	-
M. & T. Partnership	Schuylkill	550	75	3	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCIDENTS	NON-FATAL ACCIDENTS
DISTRICT 19 (Continued)						
Minarick Coal Co.	Schuylkill	65	22	2	-	-
Minarick Partnership	Schuylkill	85	12	3	-	-
My Own Coal Co.	Schuylkill	3,499	260	4	-	-
N. P. & S. Partnership	Schuylkill	105	20	2	-	-
Ney Coal Co.	Schuylkill	455	85	3	-	-
Ney Partnership	Schuylkill	1,440	180	3	-	-
Noyolas & Price Partnership	Schuylkill	1,600	200	3	-	-
Olesky & Co.	Schuylkill	2,204	248	4	-	-
Owl Coal Co.	Schuylkill	60	15	2	-	-
P. F. & L. Partnership	Schuylkill	300	75	3	-	-
P. H. & N. Partnership	Schuylkill	1,080	135	3	-	1
P. & J. Coal Co.	Schuylkill	255	51	3	-	-
P. S. & S. Partnership	Schuylkill	700	175	3	-	-
P. U. & K. Coal Co.	Schuylkill	85	17	3	-	-
Partnership Coal	Schuylkill	1,300	88	4	-	-
Partnership Coal Co.	Schuylkill	1,100	120	4	-	-
Pellish Partnership	Schuylkill	1,600	200	3	-	-
Primrose Coal Co.	Schuylkill	190	42	3	-	-
Prospect Coal Co.	Schuylkill	25	12	3	-	-
R. & L. Partnership	Schuylkill	940	188	2	-	-
Renninger Partnership	Schuylkill	1,900	240	3	-	-
Roman Part Coal Co.	Schuylkill	240	65	3	-	-
Romanosky Coal Co.	Schuylkill	960	120	3	-	-
Romanosky Partnership						
Big Diamond Tunnel	Schuylkill	360	60	3	-	-
Big Diamond Slope	Schuylkill	85	20	3	-	-
Total		445	6	-		
S. & D. Partnership	Schuylkill	800	160	2	-	-
S. & G. Coal Co.	Schuylkill	1,650	210	3	-	-
S. & S. Coal Co.	Schuylkill	3,800	285	3	-	-
S. & S. Partnership	Schuylkill	180	30	2	-	-
Setlock Part Coal Co.	Schuylkill	160	30	3	-	-
Skrobak & Gall Partnership	Schuylkill	660	110	3	-	-
Swilp Bros. Coal Co.	Schuylkill	245	30	2	-	-
Swilp Bros. Co.	Schuylkill	950	120	3	-	-
Swilp Coal Co.	Schuylkill	85	20	3	-	-
Szalko Coal Co.	Schuylkill	280	72	2	-	-
Szalko Part. Coal Co.	Schuylkill	200	60	2	-	-
Three "C" Coal Co.	Schuylkill	80	20	3	-	-
Undo & Partners	Schuylkill	125	30	3	-	-
V. & L. Coal Co.	Schuylkill	480	60	3	-	-
Vockie Bros. Partnership	Schuylkill	1,280	160	3	-	-
W. Y. & S. Coal Co.	Schuylkill	560	70	3	-	-
Weitman Coal Co.	Schuylkill	440	70	3	-	-
Whey Bros. Coal Co.						
Little Tracy Slope	Schuylkill	780	80	3	-	-
Little Tracy Vein Slope	Schuylkill	2,280	190	3	-	-
Total		3,060	6	-		
Williams Partnership	Schuylkill	1,140	130	3	-	-
Yeneshosky Coal Co.	Schuylkill	2,000	240	4	-	-
District Total		79,976	102	286	-	2

DISTRICT 20

A. & T. & D. Coal Co.	Northumberland	200	35	2	-	-
Adams Coal Co.	Columbia	1,000	200	3	-	-
Amerose Bros. Coal Co.	Northumberland	360	60	3	-	-
Andreatti Coal Co.	Northumberland	840	280	3	-	-
Andreatti & Fruit Coal Co.	Northumberland	210	35	2	-	-
B. & B. Coal Co.	Northumberland	250	45	2	-	-
B. & B. Coal Co.	Northumberland	1,350	270	2	-	-
Primrose Slope	Columbia	1,400	105	4	-	-
Holmes Slope	Northumberland	2,450	170	4	-	4
Total		3,850	8	-		
B. D. & M. Coal Co.	Northumberland	322	50	3	-	-
B. & E. Coal Co.	Columbia	1,200	200	4	-	-
B. & S. Coal Co.	Northumberland	65	18	2	-	-
Black Coal Co.	Columbia	200	168	2	-	-
D. & G. Coal Co.	Columbia	294	62	3	-	-
D. & K. Coal Co.	Columbia	720	72	3	-	-
D. & N. Coal Co.	Northumberland	1,800	180	3	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCIDENTS	NON-FATAL DENTS ACCIDENTS
DISTRICT 20 (Continued)						
D. & O. Coal Co.	Northumberland	600	80	3	-	-
D. & V. Coal Co.	Columbia	-	15	2	-	-
Ennis Coal Co.	Columbia	1,800	60	4	-	-
F. & S. Coal Co.						
7 Ft. Vein Slope	Columbia	1,200	120	3	-	-
No. 110 Slope	Columbia	600	60	3	-	-
Total		1,800		6	-	-
F. & Z. Coal Co.	Columbia	260	35	3	-	-
Garcia Coal Co.	Northumberland	20	10	1	-	-
Glowaski Coal Co.	Northumberland	200	60	3	-	-
H. & B. Coal Co.	Columbia	6,020	260	4	-	-
H. & H. Coal Co.	Columbia	90	198	2	-	-
H. & O. Coal Co.	Northumberland	106	25	3	-	-
H. & W. Coal Co.	Columbia	275	92	2	-	-
J. & C. Coal Co.	Northumberland	300	90	2	-	-
K. & F. Coal Co.	Northumberland	6,916	250	3	-	-
K. & K. Coal Co.	Northumberland	274	40	3	-	-
K & L. Coal Co.	Columbia	964	160	4	-	-
K. & M. Coal Co.	Northumberland	630	240	3	-	-
K. & P. Coal Co.						
Buck Mountain Slope	Columbia	1,650	207	3	-	-
Lykens Slope	Northumberland	330	80	4	-	-
Total		1,980		7	-	-
K. P. & M. Coal Co.	Northumberland	8,100	260	4	-	-
Kingsfield Coal Co.	Columbia	618	153	2	-	-
Kovach Coal Co.	Northumberland	1,000	200	3	-	-
Kramer Coal Co.	Northumberland	2,360	180	3	-	-
L. & E. Coal Co.	Northumberland	1,600	202	3	-	-
L. & Z. Coal Co.	Northumberland	350	45	3	-	-
Ladika Coal Co.	Northumberland	857	260	4	1	-
M. & M. Coal Co.	Northumberland	30	30	4	-	-
McGinley Coal Co.	Northumberland	300	60	2	-	-
Megosh Coal Co.	Northumberland	465	39	4	-	-
Mike's Coal Co.	Northumberland	45	12	3	-	-
Miller Coal Co.	Columbia	2,239	220	4	-	-
Mirolli Coal Slope	Northumberland	103	100	2	-	-
Morack Coal Co.	Northumberland	3,000	250	4	-	-
Murin Coal Co.	Northumberland	10	30	3	-	-
O. K. & O. Coal Co.	Northumberland	530	53	3	-	-
O. & M. Coal Co.	Northumberland	2,289	250	3	-	-
Obrich & Krack Coal Co.	Northumberland	200	80	2	-	-
P. B. & M. Coal Co.	Northumberland	237	37	4	-	-
P. & E. Coal Co.	Columbia	200	80	3	-	-
P. H. & Y. Coal Co.	Northumberland	20	20	3	-	-
Pisanko Coal Co.	Northumberland	360	60	3	-	-
Pitok Coal Co.	Columbia	500	150	3	-	-
Poponial Bros. Coal Co.	Northumberland	1,600	200	4	-	-
R. K. & K. Coal Co.	Columbia	-	75	3	-	-
Ross Coal Co.	Northumberland	534	165	3	-	-
S. K. & S. Coal Co.	Northumberland	50	216	2	-	-
S. & M. Coal Co.	Columbia	500	200	3	-	-
Sejuit & Wisneskie Coal Co.	Northumberland	1,025	235	2	-	-
Sonia Coal Co.	Columbia	30	90	3	-	-
Szidi Coal Co.	Northumberland	316	54	3	-	-
T. & B. Coal Co.	Northumberland	238	38	4	-	-
Three Par Coal Co.	Columbia	-	60	3	-	-
Tom & Joe Coal Co.	Northumberland	3,794	124	4	-	-
V. & W. Coal Co.	Northumberland	534	165	3	-	-
Valara Coal Co.	Columbia	4,656	286	3	-	-
Water Level Coal Co.	Northumberland	2,000	250	2	-	-
Y. & F. Coal Co.	Northumberland	3,718	216	4	-	-
Y. & K. Coal Co.	Northumberland	30	40	2	-	-
Y. & Z. Coal Co.	Northumberland	20	30	2	-	-
Yasenchak & Co.	Northumberland	144	30	2	-	-
Zlocki Coal Co.	Northumberland	1,400	200	3	-	-
Zukus Coal Co., Anthony	Columbia	-	90	2	-	-
Zukus Coal Co., Charles	Columbia	350	25	3	-	-
District Total		81,248	126	232	1	4

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCI- NON-FATAL DENTS ACCIDENTS
<u>DISTRICT 21</u>					
A. & B. Coal Co.	Schuylkill	50	22	2	- - -
A. & B. Coal Co.	Schuylkill	1,041	192	3	- - -
A. & J. Coal Co.	Schuylkill	2,810	281	3	- - -
B. & B. Coal Co.	Schuylkill	205	61	2	- - -
B. & E. Coal Co.	Schuylkill	600	120	3	- - -
B. & K. Partnership	Schuylkill	225	45	2	- - -
B. & M. Coal Co.	Schuylkill	110	30	3	- - -
B. H. & M. Partnership	Schuylkill	412	150	4	- - -
Barnhart Coal Co.	Schuylkill	48	21	2	- - -
Baruka Coal Co.	Schuylkill	150	30	3	- - -
Bomber Partnership	Schuylkill	975	220	3	- - -
Bosack Coal Co.	Schuylkill	100	155	4	- - -
C. & M. Coal Co.	Schuylkill	290	125	4	- - -
Cherkis Partnership	Schuylkill	2,700	250	3	- - -
D. & M. Coal Co.	Schuylkill	1,696	200	4	- - -
D. & M. Coal Co.	Schuylkill	256	56	3	- - -
F. & B. Coal Co.	Schuylkill	50	15	2	- - -
F. & W. Coal Co.	Schuylkill	1,100	156	3	- - -
Fenetz Coal Co.	Schuylkill	460	100	3	- - -
G. W. & H. Coal Co.	Schuylkill	180	80	3	- - -
H. & S. Coal Co.	Schuylkill	50	12	3	- - -
Heckscherville Mining Co.	Schuylkill	411	34	4	- - -
Hegins Mining Co.	Schuylkill	40	35	4	- - -
Huber Coal Co.	Schuylkill	240	30	3	- - -
Hutsco Coal Co.	Schuylkill	212	140	2	- - -
J. & T. Coal Co.	Schuylkill	16	25	2	- - -
Junior Coal Co.	Schuylkill	3,960	232	4	- - -
K. & F. Coal Co.	Schuylkill	100	60	4	- - -
K. & M. Coal Co.	Schuylkill	2,000	250	3	- - -
Karber Coal Co.	Schuylkill	1,600	208	4	- - -
Leonas Coal Co.	Schuylkill	220	30	2	- - -
M. & C. Coal Co.	Schuylkill	150	75	3	- - -
Matz Coal Co.	Schuylkill	100	20	2	- - -
Mitchell Coal Co.					
White Ash Slope	Schuylkill	200	60	3	- - -
No. 3 Slope	Schuylkill	100	40	3	- - -
Total	Schuylkill	300	6	-	- -
Montrose Coal Co.	Schuylkill	1,350	90	4	- - -
Neumeister Coal Co.					
Neumeister Drift	Schuylkill	225	92	2	- - -
Naumeister Slope	Schuylkill	15	50	2	- - -
Total	Schuylkill	240	4	-	- -
Olenick Coal Co.	Schuylkill	1,900	197	3	- - -
P. G. & B. Coal Co.	Schuylkill	150	90	4	- - -
P. & V. Coal Co.	Schuylkill	100	42	2	- - -
Phoenix Coal Co.	Schuylkill	320	86	4	- - -
Pine Coal Co.	Schuylkill	800	190	3	- - -
Raudenbush & Gustwa Part.	Schuylkill	2,500	250	4	- - -
Rock & Bushi Coal Co.	Schuylkill	768	80	3	- - -
Russian Coal Co.	Schuylkill	51	29	3	- - -
S. J. & N. Coal Co.	Schuylkill	64	16	3	- - -
Samilo Partnership	Schuylkill	208	26	4	- - -
Scheib Coal Co.	Schuylkill	5,500	240	4	- - -
Siminitus Coal Co.	Schuylkill	1,642	186	4	- - -
Ski Coal Co.	Schuylkill	565	169	4	- - -
Spirko Partnership	Schuylkill	280	170	2	- - -
Studack Partnership	Schuylkill	854	108	3	- - -
V. & P. Partnership	Schuylkill	612	90	3	- - -
W. P. & D. Coal Co.	Schuylkill	320	40	3	- - -
Waniski Coal Co.	Schuylkill	4,870	198	4	- - -
Wenner Coal Co.	Schuylkill	60	20	2	- - -
White Oak Coal Co.	Schuylkill	2,128	86	4	- - -
Zukowski Partnership	Schuylkill	450	50	3	- - -
District Total		48,589	112	182	- 3

DISTRICT 22

A. & J. Coal Co.	Columbia	80	14	3	- - -
Abrasonis, John	Columbia	4,050	288	4	- - -
Altanose Coal Co.	Columbia	-	10	2	- - -
American Coal Co.	Columbia	205	160	2	- - -
B. & K. Coal Co.	Columbia	1,100	120	4	- - -

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCI- NON-FATAL DENTS ACCIDENTS
<u>DISTRICT 22 (Continued)</u>					
Beaver, Robert	Schuylkill	2,400	290	4	- - -
Big Mine Run Coal Co.	Schuylkill	20	30	2	- - -
C. & B. Coal Co.	Schuylkill	1,309	140	3	- - -
Charnick Coal Co.	Schuylkill	9,347	205	4	- - -
Dyszel Coal	Schuylkill	40	96	2	- - -
Dyszel Coal Co.	Schuylkill	4,275	285	4	- - -
Dyszel & Luscavage	Schuylkill	3,335	229	4	- - -
G. D. & S. Coal Co.	Columbia	4,335	208	4	- - -
Garcia, Cirilo	Columbia	960	80	3	- - -
Gaughan Coal Co.	Columbia	1,900	260	4	- - -
Kingsfield Coal Co.	Columbia	618	200	2	- - -
Krupilis & Rudzinski	Schuylkill	1,750	175	4	- - -
L. & M. Coal Co.	Columbia	5,000	280	4	- - -
M. & W. Coal Co.	Schuylkill	2,775	186	4	- - -
McDonald & Parnell	Columbia	160	96	3	- - -
Mekosh Coal Co.	Columbia	850	85	3	- - -
O. H. & K. Coal Co.	Columbia	289	160	2	- - -
Pahira Coal Co.	Schuylkill	620	105	3	- - -
R. & O. Coal Co.	Columbia	300	180	3	- - -
Rockwell & Weir	Schuylkill	1,200	200	4	- - -
Rodrigues, John	Columbia	2,400	240	4	- - -
Royal Coal Co.	Columbia	2,730	195	4	- - -
S. A. S. Coal Co.	Columbia	1,764	252	3	- - -
S. & K. Coal Co.	Columbia	3,449	200	3	- - -
S. & M. Coal Co.	Columbia	200	100	2	- - -
Sawekiis Coal Co.	Columbia	1,320	87	3	- - -
Schlader & Reichwein	Columbia	3,440	280	3	- - -
Smarkanic & Bronco	Schuylkill	100	50	2	- - -
Smith Coal Co.	Columbia	1,182	260	3	- 1
Urban Bros.	Schuylkill	530	120	3	- - -
Vinskie & Hoskie Coal Co.	Schuylkill	20	13	3	- - -
W. & W. Coal Co.	Columbia	170	120	2	- - -
White Coal Co.	Columbia	3,600	240	3	- - -
Yost Coal Co.	Columbia	24	212	1	- - -
District Total		67,847	177	120	- 1

DISTRICT 23

B. & B. Coal Co.	Northumberland	1,874	279	3	- - -
B. & D. Coal Co.	Northumberland	1,350	190	2	- - -
Bartol Coal Co.	Northumberland	1,280	190	4	- - -
C. & K. Coal Co.	Northumberland	1,861	240	3	- - -
C. & M. Coal Co.	Northumberland	1,736	250	3	- - -
Corbin Coal Co.	Northumberland	2,016	220	3	- - -
Dadura & Poplaski	Northumberland	672	175	2	- - -
Else Coal Co.	Northumberland	2,116	230	3	- - -
Gryskiewicz, Fred	Northumberland	3,542	161	4	- - -
H. K. & K. Coal Co.	Northumberland	3,024	210	4	- - -
Henninger Coal Co.	Northumberland	588	175	2	- - -
J. B. Coal Co.	Northumberland	672	150	2	- - -
Juscavage Brothers	Northumberland	611	86	2	- - -
K. & K. Coal Co.	Northumberland	1,300	258	3	- - -
K. & O. Coal Co.	Northumberland	224	40	3	- - -
Koval Coal Co.	Northumberland	62	40	2	- - -
Kuipmont Coal Co.	Northumberland	490	46	3	- - -
Lashendock & Kishela	Northumberland	356	53	3	- - -
Lone Pine Coal Co.	Northumberland	4,619	247	3	- - -
Marion Coal Co.	Northumberland	75	80	2	- - -
Mayton Bros. Coal Co.	Northumberland	2,729	265	4	- - -
Morata Coal Co.	Northumberland	1,904	184	3	- - -
O. & M. Coal Co.	Northumberland	125	60	2	- - -
Olbrish Brothers	Northumberland	1,344	170	3	- - -
P. & R. Coal Co.	Northumberland	2,329	210	3	- - -
Pedro Coal Co.	Northumberland	851	120	2	- - -
Perles, John	Northumberland	1,232	150	3	- - -
Ramph Brothers Coal Co.	Northumberland	3,136	190	3	- - -
Redd & Sons	Northumberland	1,344	250	3	- - -
Sanders Coal Co.	Northumberland	2,379	279	4	- - -
W. F. & Z. Coal Co.	Northumberland	504	90	3	- - -

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL ACCI-	NON-FATAL
					DENTS	ACCIDENTS
<u>DISTRICT 23 (Continued)</u>						
Witkoski Coal Co.	Northumberland	2,240	240	4	-	-
Wolfgang Coal Co.	Schuylkill	-	35	3	-	-
Yancoski & Borchick	Northumberland	506	96	2	-	-
Yanik Bros. Coal Co.	Northumberland	2,800	300	4	-	-
Zegarski Coal Co.	Northumberland	3,809	202	4	-	-
District Total		55,700	182	106	-	1
<u>DISTRICT 24</u>						
Abramitis Coal Co.	Northumberland	4,338	241	3	-	-
B-H-D Partnership	Northumberland	565	71	3	-	-
B-P-E Coal Co.	Northumberland	1,950	260	4	-	-
B. & W. Coal Co.	Northumberland	2,160	180	4	-	-
Barsch & Bogutski Co.	Northumberland	1,245	208	3	-	-
Brennan & Burrell Partners	Northumberland	202	60	4	-	-
Burnside Mining Co.	Northumberland	90	100	3	-	-
Carl Coal Co.						
Small Vein Slope	Northumberland	420	60	3	-	-
Big Vein Slope	Northumberland	10	20)	-	-
Total		430		3	-	-
Costa Partners, Martin	Northumberland	10	8	3	-	-
Crabbie Coal Co.	Northumberland	350	96	3	-	-
Czech Bros. Coal Co.						
No. 4 Vein Slope	Northumberland	1,680	140	4	-	-
No. 5 Vein Slope	Northumberland	1,440	120)	-	-
Total		3,120		4	-	-
Dean Coal Co.	Northumberland	2,700	240	4	-	-
Dreibelbis Mining Co.	Northumberland	3,980	260	4	-	-
Dugan Coal Co.	Northumberland	5,407	220	4	-	-
Edward & John Mine	Northumberland	78	31	3	-	-
Eldy Coal Co.	Northumberland	2,640	220	3	-	-
Faust Coal Co.	Northumberland	10	15	3	-	-
Four Partners	Northumberland	1,821	120	4	-	-
G. & H. Coal Co.	Northumberland	1,240	160	2	-	-
Grego & Deitz	Northumberland	2,129	302	2	-	-
Gripp Coal Co.	Northumberland	6,706	268	4	-	-
Gulba & Shaffer Co.	Northumberland	260	120	3	-	-
Henly Coal Co.	Northumberland	20	20	2	-	-
J-A-N Coal Co.	Northumberland	570	45	3	-	-
J. & J. Coal Co.	Northumberland	42	20	2	-	-
K-D-H Coal Co.	Northumberland	114	90	3	-	-
K-Y-W Coal Co.	Northumberland	336	60	3	-	-
Kabonick & Krolick	Northumberland	330	192	3	-	-
Kerstetter Co., Clair	Northumberland	90	40	2	-	-
Kerstetter & Weikel Part.	Northumberland	4,786	295	4	-	-
Kilo Bros. Coal Co.	Northumberland	102	70	2	-	-
L. & G. Coal Co.	Northumberland	350	120	3	-	-
L. & Z. Coal Co.	Northumberland	4,756	254	4	-	-
Last Chance Coal Co.	Northumberland	102	60	3	-	-
Linda Mining Co.	Northumberland	100	75	3	-	-
M. & J. Coal Co.						
No. 1 Slope	Northumberland	150	60	3	-	-
No. 2 Slope	Northumberland	20	50)	-	-
Total		170		3	-	-
Outcrop Coal Co.	Northumberland	192	150	3	-	-
P. W. M. O. Partnership	Northumberland	360	60	4	-	-
R. & F. Coal Co.	Northumberland	150	60	2	-	-
R. & P. Coal Co.	Northumberland	5,600	260	4	-	-
R. & M. Mining Co.	Northumberland	389	150	3	-	-
Radziewicz Bros. Coal Co.	Northumberland	3,280	205	3	-	-
Stan Coal Co.	Northumberland	1,805	105	4	-	-
Thin Vein Coal Co.	Northumberland	531	70	3	-	-
Wallick Bros. Coal Co.	Northumberland	3,700	250	4	-	-
Worhacz Coal Co.	Northumberland	1,440	125	2	-	-
Y. & Y. Coal Co.	Northumberland	552	82	3	-	-
Z. & B. Coal Co.	Northumberland	1,080	180	2	-	-
Z. & L. Coal Co.	Northumberland	720	120	3	-	-
District Total		73,098	147	153	-	-
<u>DISTRICT 25</u>						
Anspach-Zimmerman Co.	Schuylkill	8,650	237	4	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCI- DENTS NON-FATAL ACCIDENTS
<u>DISTRICT 25</u> (Continued)					
Augustine Co., M.	Schuylkill	-	30	3	- - -
B. & E. Coal Co.	Schuylkill	150	46	3	- - -
Bonawitz Coal Co.	Schuylkill	4,295	255	3	- - -
Falls Coal Co.	Schuylkill	2,585	135	4	- - -
Fasnacht Coal Co.	Schuylkill	6,200	241	4	- - -
Faust Coal Co.	Schuylkill	8,705	271	4	- - -
Fegley Coal Co.	Schuylkill	3,780	190	4	- - -
Hawk Coal Co.	Schuylkill	460	80	3	- - -
Huth Coal Co.	Schuylkill	2,400	275	3	- - -
Knorr Coal Co.	Schuylkill	2,500	112	4	- - -
Knorr & Geist Coal Co.	Schuylkill	6,768	182	4	- - -
Koona Co., Marcus	Schuylkill	610	88	3	- - -
Koperna Co., Frank	Schuylkill	6,750	215	4	- - -
L. & H. Coal Co.	Schuylkill	850	98	4	- - -
L. & W. Coal Co.	Schuylkill	50	30	3	- - -
Lengel Co., Warren	Schuylkill	35	20	2	- - -
M. & D. Coal Co.	Schuylkill	1,784	89	4	- - -
M. & M. Coal Co.	Schuylkill	-	85	4	- - -
Madenford Coal Co.	Schuylkill	3,720	230	4	- - -
Malusky Coal Co.	Schuylkill	3,020	240	4	- - -
Minnichbach Coal Co.	Schuylkill	1,860	96	3	- - -
Mountain Top Coal Co.	Schuylkill	2,365	211	4	- - -
Ray Coal Co.	Schuylkill	3,600	210	4	- - -
Reiner Coal Co.	Schuylkill	546	35	3	- - -
S. & F. Coal Co.	Schuylkill	5,900	250	4	- - -
S. S. & M. Coal Co.	Schuylkill	3,000	225	4	- - -
S. V. S. Coal Co.	Schuylkill	6,055	171	4	- - -
Salem-Harner Coal Co.	Schuylkill	265	35	2	- - -
Sharp Mountain Coal Co.	Schuylkill	663	72	3	- - -
Stine Coal Co.	Schuylkill	100	60	3	- - -
Stump Co., F. B.	Schuylkill	715	90	3	- - -
Viola-Pozza Coal Co.	Schuylkill	6,240	216	4	- - -
Wehrauch Coal Co.	Schuylkill	810	146	1	- - -
Zimmerman Coal Co.	Schuylkill	1,600	200	3	- - -
District Total		97,031	156	120	- 7
<u>DISTRICT 26</u>					
B. & C. Coal Co.	Schuylkill	655	225	3	- - -
B. & G. Coal Co.	Schuylkill	264	45	3	- - -
B. & H. Coal Co.	Schuylkill	50	40	2	- - -
B. & N. Coal Co.	Schuylkill	690	105	4	- - -
B. D. & S. Coal Co.	Schuylkill	840	140	4	- - -
Biskupics & Co.	Schuylkill	1,211	280	3	- - -
Bologa & Co.	Schuylkill	725	150	3	- - -
Brinske & Co.	Schuylkill	1,245	210	4	- - -
Brokenshire & Co.	Schuylkill	3,536	292	4	- - -
Byer & Co.	Schuylkill	960	230	3	- - -
C. & L. Coal Co.	Schuylkill	1,350	160	4	- - -
Forgettsch Bros.	Schuylkill	1,726	282	4	- - -
H. & M. Coal Co.	Schuylkill	1,624	172	3	- - -
Kluchinsky & Co.	Schuylkill	256	80	3	- - -
L. & M. Coal Co.	Schuylkill	210	40	2	- - -
Lazo Coal Co.	Schuylkill	1,268	231	3	- - -
Lykens Coal Co.	Schuylkill	390	78	4	- - -
M. & B. Coal Co.	Schuylkill	500	100	3	- - -
Matrashin & Co.	Schuylkill	1,055	251	3	- - -
Mockinick, Metro	Schuylkill	260	104	3	- - -
Moran & Co.	Schuylkill	50	30	3	- - -
Olman & Co.	Schuylkill	1,242	287	3	- - -
S. & S. Coal Co.	Schuylkill	1,443	230	4	- - -
Sabol & Co.	Schuylkill	850	190	3	- - -
Semanco & Chuppasko	Schuylkill	1,098	231	2	- - -
Smith Bros. Coal Co.	Schuylkill	1,780	145	4	- - -
Soucheck & Co.	Schuylkill	2,757	195	4	- - -
Styka Coal Co.	Schuylkill	120	60	4	- - -
Tarus & Co.	Schuylkill	1,260	210	4	- - -
Underwood Coal Co.	Schuylkill	300	60	3	- - -
Wadleigh Coal Co.	Schuylkill	3,294	210	4	- - -
Whytko Coal Co.	Schuylkill	1,490	245	4	- - -
Zakrewsky, S.	Schuylkill	660	70	4	- - -
District Total		35,159	166	111	- 2

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCI- DENTS	NON-FATAL DENTS	ACCIDENTS
<u>DISTRICT 27</u>							
Ascietti Coal Co.	Schuylkill	2,991	255	4	-	-	-
B. & D. Coal Co.	Schuylkill	627	110	3	-	-	-
B. & L. Coal Co.	Schuylkill	1,288	180	3	-	-	-
B. Z. & D. Coal Co.	Schuylkill	560	90	3	-	-	-
C. & W. Coal Co.	Schuylkill	80	60	3	-	-	-
C. & Y. Coal Co.	Schuylkill	1,050	140	3	-	-	-
Cliff Coal Co.	Schuylkill	3,940	270	4	-	-	-
Colket Coal Co.	Schuylkill	1,410	200	4	-	-	-
Crossroads Coal Co.	Schuylkill	-	132	3	-	-	-
Dembinsky Coal Co., N.	Schuylkill	483	160	3	-	-	-
Dembinsky Coal Co., W.	Schuylkill				-	-	-
No. 1 Slope	Schuylkill	46	33	3	-	-	-
No. 2 Slope	Schuylkill	378	66	3	-	-	-
Total		424		6	-	-	-
Devers Coal Co.	Schuylkill	487	103	3	-	-	-
Fetterolf Coal Co.	Schuylkill	595	118	2	-	-	-
G. & M. Coal Co.	Schuylkill	1,619	121	4	-	-	-
G. & T. Coal Co.	Schuylkill	665	50	4	-	-	-
G. M. P. Coal Co.	Schuylkill	-	31	3	-	-	-
Garcia Coal Co.	Schuylkill	592	104	3	-	-	-
H. & M. Coal Co.	Schuylkill	1,212	160	4	-	-	-
H. & S. Coal Co.	Schuylkill	315	175	3	-	-	-
Haas Coal Co.	Schuylkill	2,520	300	3	-	-	-
Hardway Coal Co.	Schuylkill	420	101	2	-	-	-
J. E. B. Coal Co.	Schuylkill	100	45	3	-	-	-
K. & S. Coal Co.	Schuylkill	504	120	2	-	-	-
Klinger Coal Co.	Schuylkill	4,758	240	3	-	-	-
Knorr Coal Co.	Schuylkill	721	112	4	-	-	-
L. & N. Coal Co.	Schuylkill	1,764	144	4	-	-	-
Makarczyk Brothers Part.	Schuylkill	1,365	195	3	-	-	-
Mataka Coal Co.	Schuylkill	1,120	150	4	-	-	-
Mervine Coal Co.	Schuylkill	525	57	4	-	-	-
Metzinger Coal Co.	Schuylkill	5,236	220	4	-	-	-
Mickey Coal Co.	Schuylkill	1,375	192	4	-	-	-
Neumeister Coal Co.	Schuylkill	5,678	301	4	-	-	-
S. & M. Coal Co.	Schuylkill	5,075	290	4	-	-	-
Sorokach Coal Co.	Schuylkill	1,152	235	3	-	-	-
Staunton Coal Co.	Schuylkill	612	131	4	-	-	-
Stoppi Coal Co.	Schuylkill	504	140	3	-	-	-
Tokarchek Coal Co.	Schuylkill	3,316	250	3	-	-	-
Watcher Coal Co.	Schuylkill	1,050	250	3	-	-	-
Y. C. K. Coal Co.	Schuylkill	315	80	3	-	-	-
District Total		56,448	156	132	-	-	-
<u>DISTRICT 28</u>							
Adams Coal Co.	Northumberland	4,700	232	4	-	-	-
B. & B. Coal Co.	Northumberland	12,700	290	4	1	-	-
B. & C. Coal Co.							
No. 4 Slope	Northumberland	1,660	192)	-	-	-
No. 5 Slope	Northumberland	785	89	(3)	-	-	-
Total		2,445		3	-	-	-
B. & H. Coal Co.	Northumberland	3,185	79	4	-	-	-
B. & N. Coal Co.	Northumberland	357	118	4	-	-	-
Bell Coal Co.	Northumberland	2,200	155	4	-	-	1
C. & M. Coal Co.	Northumberland	5,931	275	4	-	-	-
Cherry Coal Co.	Northumberland	5,552	264	4	-	-	-
Collier Coal Co., Clair	Northumberland	111	15	4	-	-	-
Collier Coal Co., Hilbert	Northumberland	2,160	120	4	-	-	1
D. & J. Coal Co.	Northumberland	8,184	292	4	-	-	-
D. & K. Coal Co.	Northumberland	4,430	248	4	-	-	-
Dallabrida Coal Co.	Northumberland	6,762	263	4	-	-	-
E. & I. Coal Co.	Northumberland	8,808	258	4	-	-	-
F. & F. Mining Co.	Northumberland	2,400	120	4	-	-	-
Fetterolf Coal Co.	Northumberland	5,489	252	4	-	-	-
Foura Coal Co.	Northumberland	5,100	240	3	-	-	-
Guicke Coal Co.	Northumberland	3,958	217	3	-	-	-
Harry's Coal Co.	Northumberland	2,592	259	4	-	-	-
K. W. & J. Coal Co.	Northumberland	2,486	127	4	-	-	-
Kerstetter Coal Co.	Northumberland	4,900	240	4	-	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL ACCI-	NON-FATAL ACCIDENTS
<u>DISTRICT 28 (Continued)</u>						
L. & L. Coal Co.	Northumberland	2,758	232	4	-	-
L. & S. Coal Co.	Northumberland	1,200	200	3	-	-
Lotus Coal Co.						
No. 2 Slope	Northumberland	962	80)	-	-
No. 3 Slope	Northumberland	418	1C8	3)	-	-
Total		1,380		3	-	-
M. & B. Coal Co.	Northumberland	1,771	72	4	-	-
M. & M. Coal Co.	Northumberland	326	170	4	-	-
M. G. & S. Coal Co.	Northumberland	3,148	247	4	-	-
Mack Coal Co.						
No. 3 Slope	Northumberland	88	88	4	-	-
No. 4 Slope	Northumberland	25	20	3	-	-
Total		113		7	-	-
Mattis Coal Co.	Northumberland	9,358	270	4	-	-
Maurer Coal Co., Paul	Northumberland	6,144	312	4	-	-
Maurer Coal Co., Raymond	Northumberland	9,830	281	4	-	2
Moore Coal Co.						
No. 4 Vein Slope	Northumberland	288	32	3	-	-
Zero Vein Slope	Northumberland	2,620	75	4	-	-
Total		2,908		7	-	-
Number One Vein Coal Mine	Northumberland	7,572	248	4	-	-
S. & M. Coal Co.	Northumberland	3,927	233	3	-	-
Sioux Development Co.	Northumberland	4,800	120	4	-	-
Sky Coal Co.	Northumberland	810	150	4	-	-
South Mountain Coal Co.	Northumberland	6,150	220	4	-	-
Star Coal Co.						
No. 1 Slope	Northumberland	7,346	232	4	-	1
No. 2 Slope	Northumberland	- *	71	4	-	-
Total		7,346		8	-	1
Trevortown Coal Co.	Northumberland	3,924	240	4	-	-
Triple S Coal Co.	Northumberland	640	62	4	-	-
Twin Oaks Coal Co.	Northumberland	2,139	235	3	-	-
V. & M. Coal Co.	Northumberland	400	150	3	-	-
W. & S. Coal Co.	Northumberland	4,000	200	4	-	1
Wilkinson Coal Co.	Northumberland	320	28	4	-	-
Z. D. & K. Coal Co.	Northumberland	2,540	77	4	-	-
District Total		177,854	183	182	1	5

DISTRICT 29

A. & H. Coal Co.	Northumberland	986	106	3	-	-
A. & W. Coal Co.	Northumberland	1,850	120	3	-	-
Astick, Wehary, Snyder Coal Co.	Northumberland	750	75	3	-	-
B. & B. Coal Co.	Northumberland	4,810	256	4	-	-
B. & D. Coal Co.						
No. 1 Slope	Northumberland	3,264	296	3	-	-
No. 2 Slope	Northumberland	285	39	3	-	-
Total		3,549		6	-	-
B. & K. Coal Co.	Northumberland	2,747	235	3	-	-
B. & L. Coal Co.	Northumberland	1,800	165	3	-	1
B. & L. Coal Co.	Northumberland	280	48	3	-	-
B. & P. Coal Co.	Northumberland	825	154	2	-	-
B. K. P. Coal Co.	Northumberland	4,282	301	4	-	-
B. T. Z. Coal Co.	Northumberland	836	120	3	-	-
Big Bear Coal Co.	Northumberland	760	86	3	-	-
Blue Coal Co.	Northumberland	3,412	208	4	-	-
Bogetti Coal Co.	Northumberland	1,350	130	3	-	-
Boydtown Mining Co.	Northumberland	952	72	4	-	-
Cherry Hill Coal Co.	Northumberland	276	36	3	-	-
Crown Coal Co.	Northumberland	842	54	4	-	-
Crown Coal Co.	Northumberland	1,780	125	3	-	-
D. & S. Coal Co.	Northumberland	790	125	3	-	-
Dot Coal Co.	Northumberland	998	180	2	-	-
Flitch Coal Co.	Northumberland	610	92	2	-	-
G. & L. Coal Co.	Northumberland	396	66	2	-	-
Greager Coal Co.	Northumberland	980	140	3	-	-
Guisbert Coal Co.	Northumberland	1,850	225	2	-	-
H. & S. Coal Co.	Northumberland	186	36	2	-	-
Hillside Coal Co.	Northumberland	1,950	190	3	-	-
J. & L. Coal Co.	Northumberland	1,420	97	3	-	-
Joe Coal Co.	Northumberland	1,900	275	3	-	-
K. & B. Coal Co.	Northumberland	1,025	130	3	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYEES	FATAL ACCI-	NON-FATAL ACCIDENTS
<u>DISTRICT 29 (Continued)</u>						
K. & F. Coal Co.	Northumberland	1,325	102	3	-	-
K. & G. Coal Co.	Northumberland	3,780	210	4	-	-
K. & S. Coal Co.	Northumberland	860	125	3	-	-
K. & Z. Coal Co.	Northumberland	2,880	240	3	-	-
Kabonick Coal Co.	Northumberland	951	65	3	-	-
Kaleta Coal Co.	Northumberland	5,050	265	4	-	-
Kopitsky Bros. Coal Co.	Northumberland	1,690	220	3	-	-
Kurtz Coal Co.	Northumberland	2,850	205	4	-	-
L. & D. Coal Co.	Northumberland	1,895	146	3	-	-
Little Coal Co.	Northumberland	1,980	260	3	-	-
Maple Coal Co.	Northumberland	-	60	2	-	-
McBab Coal Co.	Northumberland	3,073	241	2	-	-
Miller Coal Co.	Northumberland	1,780	280	3	-	-
Morata Coal Co.	Northumberland	1,970	150	4	-	-
Motto Coal Co.	Northumberland	2,600	160	3	-	-
Motto Bros. Coal Co.	Northumberland	1,800	130	3	-	-
Mountain Top Coal Co.						
No. 1 Slope	Northumberland	2,374	229	4	-	-
No. 2 Slope	Northumberland	475	29	4	-	-
Total		2,849		8	-	-
N. & G. Coal Co.	Northumberland	2,827	280	3	-	-
Nahodil Coal Co.	Northumberland	800	200	2	-	-
O. M. O. Partnership	Northumberland	450	72	3	-	-
O. & Z. Coal Co.	Northumberland	797	80	3	-	-
Olbrish Bros. Coal Co.	Northumberland	560	40	3	-	-
Olesnevich Coal Co.	Northumberland	242	28	2	-	-
P. & B. Coal Co.	Northumberland	450	51	2	-	-
P. S. V. Coal Co.	Northumberland	5,408	284	4	-	-
Patty Coal Co.	Northumberland	1,296	148	2	-	-
Petrovich Coal Co.	Northumberland	3,364	268	4	-	-
Polinka Coal Co.	Northumberland	1,800	280	2	-	-
Rocky Side Coal Co.	Northumberland	4,484	258	3	-	-
Royal Coal Co.	Northumberland	1,357	115	3	-	-
S. & H. Coal Co.	Northumberland	3,120	260	3	-	-
S. & N. Coal Co.	Northumberland	179	34	2	-	-
Selock Coal Co.	Northumberland	314	105	1	-	-
Slab Coal Co.	Northumberland	160	20	3	-	-
Small Three Coal Co.	Northumberland	930	105	3	-	-
Soroka & Merena Coal Co.	Northumberland	1,624	220	2	-	-
Stag Coal Co.	Northumberland	860	51	4	-	-
Susie Coal Co.	Northumberland	4,700	223	4	-	-
T. B. P. Coal Co.	Northumberland	850	45	3	-	-
T. P. L. Coal Co.	Northumberland	700	90	2	-	-
T. P. S. Coal Co.	Northumberland	1,600	100	3	-	-
Topolski Mining Co.	Northumberland	278	33	2	-	-
Weikel Coal Co.	Northumberland	210	28	4	-	-
West Point Coal Co.	Northumberland	3,772	290	3	-	-
Wilk Coal Co.	Northumberland	2,890	289	4	-	-
Y. & G. Coal Co.	Northumberland	836	85	2	-	-
Y. & R. Coal Co.	Northumberland	1,650	280	2	-	-
Yuhas No. 2 Shaft Mine	Northumberland	925	154	3	-	-
District Total		130,958	154	233	-	1

DISTRICT 30

Anspach & Umbenhauer Co.	Schuylkill	2,580	163	3	-	-
B. & B. Coal Co.	Schuylkill	500	173	3	-	-
B. & E. Coal Co.	Dauphin	2,950	244	3	-	-
B. & H. Coal Co.	Dauphin	5,065	250	4	-	-
B. & M. Coal Co.	Dauphin	3,570	238	4	-	-
B. B. K. Coal Co.	Schuylkill	452	88	4	-	-
B. H. M. Coal Co.	Dauphin	1,748	140	2	-	-
B. S. K. Coal Co.	Dauphin	285	42	4	-	1
B. Z. K. Coal Co.	Schuylkill	76	60	3	-	-
Bell & Co., Thomas	Dauphin	150	105	3	-	-
Blyler Co., Glen	Dauphin	358	191	1	-	-
D. & B. Coal Co.	Schuylkill	3,232	202	4	-	-
D. & N. Coal Co.	Dauphin	300	30	3	-	-
Daubert & Miller Coal Co.	Schuylkill	2,025	135	3	-	-
G. A. D. Coal Co.	Dauphin	2,120	82	4	-	-

COMPANY	COUNTY	PRODUCTION	DAYS WORKED	EMPLOYES	FATAL ACCI- DENTS	NON-FATAL ACCIDENTS
<u>DISTRICT 30 (Continued)</u>						
Garber Coal Co., George	Schuylkill	1,157	89	3	-	-
Gonder Coal Co.						
White's Vein Slope	Dauphin	130	33	3)	-	-
Big Vein Slope	Dauphin	1,300	162)	-	-
Total		1,430		3		
H. K. H. Coal Co.	Schuylkill	165	20	3	-	-
H. K. N. Coal Co.	Schuylkill	328	36	3	-	-
H. L. D. Coal Co.	Dauphin	1,289	70	3	-	-
H. S. S. Coal Co.	Dauphin	300	60	2	-	-
Hatter Brothers Coal Co.	Dauphin	427	195	2	-	-
Herb Coal Co.	Dauphin	2,780	278	3	-	-
K. & B. Coal Co.	Dauphin	18	2	3	-	-
K. & M. Coal Co.	Dauphin	360	62	3	-	-
K. K. K. Coal Co.	Dauphin	665	69	4	-	-
K. M. S. Coal Co.	Dauphin	-	24	3	-	-
K. S. K. Coal Co.	Dauphin	300	32	3	-	-
Kintzel Brothers Coal Co.	Schuylkill	3,078	245	4	-	-
Kulp Coal Co.	Dauphin	32	7	3	-	-
Lahr Coal Co.	Dauphin	3,200	240	3	-	-
Lehman & Co., Mervin	Schuylkill	1,260	285	4	-	-
Long Coal Co.	Dauphin	134	20	2	-	-
Lucas Coal Co.	Schuylkill	2,000	96	4	-	-
Lucas & Co., Earl	Dauphin	1,580	208	3	-	-
M. & H. Coal Co.	Dauphin	545	90	2	-	-
Marchuk Coal Co.						
Little Vein Slope	Dauphin	10	40	2)	-	-
Zero Vein Slope	Dauphin	75	140)	-	-
Total		85		2	-	-
Mauser Coal Co.	Dauphin	1,725	277	2	-	-
Miller-Miller Coal Co.	Schuylkill	4,000	260	4	-	-
Morgan Coal Co.	Dauphin	1,500	300	4	-	-
Morgan & Sitzlinger Coal Co.	Schuylkill	3,861	245	3	-	-
Orbit Coal Co.	Schuylkill	1,408	88	4	-	1
P. & C. Coal Co.	Schuylkill	180	80	3	-	-
R. & M. Coal Co.	Dauphin	1,102	95	3	-	-
Reho, Fisher & Murray Coal Co.	Schuylkill	270	30	4	-	-
Reiner & Co., Raymond	Schuylkill	557	50	4	-	-
Rickert Bros. Coal Co.	Schuylkill	-	25	2	-	-
Rowe Coal Co.	Dauphin	100	25	2	-	-
Running Bear Coal Co.	Dauphin	1,100	240	2	-	-
S. & S. Coal Co.	Dauphin	85	86	2	-	-
S. & W. Coal Co.	Schuylkill	619	90	3	-	-
Salic Coal Co.	Schuylkill	2,030	203	4	-	-
Salic & Co., Daniel	Schuylkill	720	40	4	-	-
Shomper Coal Co.						
L. V. No. 6 Vein Slope No.1	Schuylkill	5,860	232	4	-	-
L. V. No. 6 Vein Slope No.2	Schuylkill	800	181	3	-	-
Total		6,660		7	-	-
Short Mountain Slope Coal Co.	Schuylkill	1,456	67	4	-	-
Starmar Mining Co.	Schuylkill	2,956	120	4	-	-
Starnosky Co., Eugene	Dauphin	605	137	2	-	-
Stony Mountain Coal Co.	Dauphin	400	38	4	-	-
Stump Coal Co., F. B.						
L.V. No. 4 Vein Slope	Schuylkill	165	70	3)	-	-
L.V. No. 1 Vein Slope	Schuylkill	376	55)	-	-
Total		541		3	-	-
Tri-Par Coal Co.	Schuylkill	-	18	3	-	-
Trio Coal Co.	Schuylkill	1,800	200	3	-	-
Underkoffler Coal Co.	Schuylkill	2,080	260	3	-	-
White Oak Slope Coal Co.	Dauphin	263	84	4	-	-
Withelder Coal Co.	Schuylkill	200	150	3	-	-
Zerembo Partnership Coal Co.	Schuylkill	810	162	4	-	-
Zimmerman & Co., Marlin	Schuylkill	175	20	3	-	-
District Total		83,747	127	210	-	2
Division Total		1,196,480	138	2,557	2	31

* Repairing slope and manway, no production.

REPORT OF
OIL AND GAS
DIVISION

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE # 1
SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>
1. Drilling Permits Issued in Coal Areas	208	314	320	313	296	277
2. Drilling Permits Issued in Coal Areas within purview of Act 359 #	-	-	-	-	-	9
3. Total Wells Coal Areas (Items 1 and 2)	208	334	320	313	296	286
4. Drilling Permits Issued in Non-Coal Areas in compliance with Act 359 #	-	-	-	-	-	10
5. Reported Wells in Non-Coal Areas - File Numbers Issued	642*	678*	744*	1,95*	6,133*	4,674*
6. Total Wells Non-Coal Areas (Items 4 and 5)	642	678	744	1,95	6,133	4,777
7. Total Wells Coal and Non-Coal Areas (Items 3 and 6)	850	1,012	1,064	808	949	763
8. Total Drilling Permits Issued within Act 359 (Items 2 and 4) #	-	-	-	-	-	19
9. Drilling Canceled - Permits and Non-Coal Area Wells	-	1	21	29	281	49
10. Wells Reported Drilled	375	819	868	799	949	782
11. Plugging Numbers Issued	95	171	176	226	245	268
12. Plugging Numbers Canceled	-	2	5	19	9	20
13. Wells Reported Plugged and Abandoned	70	130	110	181	237	243
14. Pillar Permits Issued	259	195	111	79	105	128

Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

* Permits not required for wells in non-coal areas, except those wells coming within purview of Act 359 of 1961.

TABLE # 2
SUMMARY OF ACTIVITIES BY COUNTIES
JANUARY - DECEMBER, 1961.

County	Drilling Permits Issued	Reported Wells Non-Coal Areas	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Wells Plugged & Abandoned	Wells Reported	Plugged & Abandoned	DRILLING PERMITS ISSUED WITHIN PURVIEW OF ACT 359 of 1961		
										Coal Areas	Non-Coal Areas	Total
Allegheny	14	-	14	2	13	19	1	17	18	14	-	-
Armstrong	67	3	70	10	119	15	2	-	-	12	-	-
Beaver	-	1	4	-	4	-	-	-	-	-	-	-
Bedford	1	2	3	-	2	1	-	2	-	1	1	1
Blair	1	-	1	-	-	-	-	1	-	1	-	-
Bradford	1	-	1	-	-	-	-	-	-	1	-	-
Butler	7	2	9	-	3	13	2	10	5	-	-	-
Cambria	1	-	1	-	1	2	-	-	-	1	-	-
Cameron	8	3	11	1	6	5	-	3	2	2	2	3
Clarion	9	29	29	-	29	27	2	16	17	-	-	-
Clearfield	18	3	21	5	27	13	-	12	12	2	2	2
Clinton	1	27	28	2	28	13	-	13	-	-	-	-
Crawford	-	16	16	-	16	5	-	5	-	-	-	-
Elk	3	4	7	-	5	-	-	1	1	1	1	1
Erie	-	4	4	-	4	3	-	2	2	2	2	2
Fayette	4	2	6	-	5	8	-	6	-	-	-	-
Forest	-	17	17	-	17	-	-	-	-	-	-	-
Greene	11	-	11	-	12	37	3	36	37	34	-	-
Indiana	49	-	49	4	65	12	1	16	16	1	-	-
Jefferson	28	5	33	2	30	27	2	22	22	3	-	-
Lawrence	-	1	1	-	1	-	-	-	-	-	-	-
Lycoming	2	2	4	-	2	2	-	2	2	2	2	2
Mifflin	1	283	284	21	243	-	-	-	-	2	2	2
Mercer	1	3	4	-	3	1	-	1	1	1	-	-
Potter	1	20	21	-	14	5	-	5	-	1	1	1
Somerset	1	2	3	-	5	-	-	4	-	1	1	1
Tioga	2	1	3	-	1	1	-	1	1	1	1	2
Venango	-	11	11	-	11	2	-	2	-	1	1	1
Warren	1	23	24	-	18	-	-	-	-	1	-	-
Washington	20	2	22	1	19	4	-	32	27	1	1	1
Westmoreland	45	2	47	1	44	3	-	35	1	-	-	1
York	-	1	1	-	1	1	-	1	-	-	-	-
TOTAL	296	167 *	763	49	782	268	20	243	128	9	10	19 *

(*) Permits are not required for wells drilled in non-coal areas.
(+) Included in total of 296 drilling permits issued.

TABLE # 3
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED
JANUARY - DECEMBER, 1961

TABLE # 3
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED
JANUARY - DECEMBER, 1961.

Company	Total
Westmoreland	3
Washington	1
Warren	4
Tioga	2
Somerset	1
Potter	1
Mercer	1
Mckean	1
Lycoming	1
Jefferson	3
Indiana	1
Greene	2
Fayette	2
Erie	1
Clelfield	1
Cameron	2
Buckley	1
Bredford	1
Blair	1
Allentown	1
Armstrong	5
Allegheny	1
Gambria	1
Clearfield	1
Columbia	1
Clinton	1
DuBois	1
Elk	1
Fayette	1
Greene	1
Indiana	1
Jefferson	1
Lycoming	1
Mercer	1
McKean	1
Potter	1
Somerset	1
Tioga	1
Warren	1
Washington	1
Westmoreland	1
Total	15

Goal Drilling Company
Grablak, Charles S., Dr.
Handley & Bird
Hart, Charles A.
Haupi, W. H., Company
Heeter, Lepha L.
Hemphill Brothers
Hilly, C. D., Drilling Company
Holidayburg Oil & Gas Company, Inc.
Humphrey Industries, Inc.
Humphrey-Stone-McColl Corporation
Jack, S. W., Drilling Company
Jackson, W. C.
Johnson, J. C.
Ken Oil & Gas Company, Inc.
Kendall Refining Company
Kutch, Vincent
Lantman Oil & Gas Company
Louden, Clarence E., Jr.
Manufacturers Light and Heat Company, The
Mays, James A.
McEvoy, James F.
Mid-Atlantic Oil & Gas Company
Hunter, Lee E.
Myers, Gilbert K.
New York State Natural Gas Corporation
Nuss, Furman L., et al.

TABLE # 3
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED
JANUARY - DEGENER, 1961

Company	Total
Parsons Brothers	1
Penco Gas, Inc.	1
Peoples Natural Gas Company, The	28
Phillips Petroleum Company	2
Phillips, T. W., Gas & Oil Company	103
Pittsburgh Plate Glass Company	1
Pure Oil Company	1
Quaker State Oil Refining Corporation	1
Richards Drilling Company	2
Roberts & Hassin	1
Seamor, William H.	2
Shaffer, Paul E., Company	1
Shaner, W. M.	2
Shelota Oil & Gas Company	1
Snee & Eberly and The Peoples Natural Gas Co., -	1
Starr, Albert Q.	1
Sylvania Corporation, The	1
Tedrow, Cecil E.	3
Victory Development Company	1
Walker, J. C.	1
Wilsner, A. L.	6
Wood, Blaine, & Others	1
Wright, R. S.	1
TOTAL	296

TABLE # 4
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS
JANUARY - DECEMBER 1961

TABLE # 4
 SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS
 JANUARY - DECEMBER, 1963

Company	Total
Imperial Oil Company	1
J. & J. Enterprises	1
Jones & Laughlin Steel Corporation	1
Joy Gas Company	1
Kendall Refining Company	1
Lake Shore Pipe Line Company	1
Lane Development Company	2
Manufacturers Light and Heat Co., The	1
Mars Company, The	1
Mays, James A.	1
McCluskey, J. Sterling	1
Messer Oil Corporation	1
Mifflin Drilling Company	1
Mildair Corporation	2
Minard Run Oil Company	1
Minnich, Joseph, Heirs	2
Mulhaupt, Lou Potter, Estate	1
Munday, Eugene P. and Beryl N.	1
Murray, George W.	1
New York State Natural Gas Corporation	3
North Penn Gas Company	1
Parsons Brothers	1
Penn Wayne Gas Company	2
Pennsylvania Gas Company	1
Peoples Natural Gas Company, The	1
Phillips Petroleum Company	1
Pine Hall Oil Company	3
Porter	1
Westmoreland	1
Washington	1
Warren	1
Wenango	1
Tioga	1
Somerset	1
Potter	1
Mercer	1
McKean	1
Lycoming	1
Lawrence	1
Jefferson	1
Fayette	1
Erie	1
Elk	1
Crawford	1
Clinton	1
CLEARFIELD	1
Cameron	1
Butler	1
Blair	1
Beechard	1
Beecher	1
Armstrong	1
Clearfield	1
Cameron	1
Clinton	1
Elk	1
Erie	1
Fayette	1
Jefferson	1
Lawrence	1
Lycoming	1
McKean	1
Mercer	1
McKean	1
Potter	1
Somerset	1
Tioga	1
Warren	1
Wenango	1
Washington	1
Westmoreland	1
Porter	1
Total	37

**SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS
TABLE # 4
JANUARY - DECEMBER, 1961**

TABLE # 5
SUMMARY BY COUNTIES
TYPE OF WELLS REPORTED DRILLED
JANUARY - DECEMBER, 1961

County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal
Allegheny	13	6	-	3	-	1	3	-
Armstrong	149	143	1	2	-	-	3	-
Beaver	1	-	-	-	-	-	-	1
Bedford	4	2	-	-	-	-	2	-
Blair	2	1	-	-	-	-	1	-
Butler	3	1	-	-	-	-	2	-
Cambria	1	-	-	-	-	-	1	-
Cameron	6	4	-	-	-	-	2	-
Clarion	29	25	-	2	-	-	2	-
Clearfield	27	18	-	-	-	-	9	-
Clinton	28	1	-	-	14	-	13	-
Crawford	16	8	-	3	-	-	5	-
Elk	5	1	3	-	-	-	1	-
Erie	4	1	-	-	-	-	3	-
Fayette	5	3	-	-	-	-	2	-
Forest	17	4	-	4	-	-	9	-
Greene	12	4	1	2	2	-	3	-
Indiana	65	56	-	-	-	-	9	-
Jefferson	30	23	-	-	-	-	7	-
Lawrence	1	-	-	1	-	-	-	-
Lycoming	2	-	-	-	-	-	2	-
McKean	243	-	1	124	-	118	-	-
Mercer	3	-	-	-	-	-	3	-
Potter	14	4	-	5	-	-	5	-
Somerset	5	2	-	-	-	-	3	-
Tioga	1	-	-	-	-	-	1	-
Venango	14	1	-	6	-	5	2	-
Warren	18	-	2	12	-	4	-	-
Washington	19	12	-	-	-	-	7	-
Westmoreland	44	34	1	-	-	-	9	-
York	1	-	-	-	-	-	1	-
TOTAL	782	354	9	164	16	128	110	1

**SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED
TABLE # 6**
JANUARY - DECEMBER, 1960

TABLE # 6
SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED
JANUARY - DECEMBER, 1961

Company	Total
J. & J. Enterprises	1
Jack, S. W., Drilling Company	2
Jackson Gas & Oil Corporation	1
Johnson, J. C.	1
Jones, D. Richard	2
Keweenaw Oil Company	3
Keystone Gas Company	1
Lake Shore Pipe Line Company	1
Manufacturers Light and Heat Company, The	1
Mars Company, The	1
Marshall, W. John	1
Mifflin Drilling Company	1
Millett, H. E.	1
Myers, J. B., and McNay, Paul	1
Neville Island Land Company	1
New Franklin Gas & Oil Company	2
New York State Natural Gas Corporation	1
Nollam Oil & Gas Corporation	1
North Penn Gas Company	4
Russ, Furman L., et al	1
Owens-Illinois Glass Company	2
Parsons Brothers	1
Penn Wayne Gas Company	2
Pennsylvania Department of Highways	1
Pennsylvania Gas Company	1
People's Natural Gas Company, The	1
Phillips Petroleum Company	21
Westmoreland	1
Wick	1
Washington	1
Venango	1
Tioga	1
Potter	1
Mercer	1
Lycoming	1
Jefferson	1
Indiana	1
Greene	1
Payette	1
Breite	1
Drawford	1
Crittenden	1
Clearfield	1
Garrison	1
Clarion	1
Gambria	1
Butler	1
Blair	1
Bedford	1
Allentown	2
Allegheny	1
Armstrong	1
Clearfield	1
Clinton	1
Darke	1
Erie	1
Fayette	1
Greene	1
Hanover	1
Indiana	1
Jefferson	1
Lawrence	1
Lycoming	1
Mercer	1
Potter	1
Washington	1
Westmoreland	1
Wick	1
Total	56

TABLE # 6
SUMMARY BY COUNTIES AND COMPANIES OF PLUGGING NUMBERS ISSUED
JANUARY - DECEMBER, 1961

Company	AAllegheny	Armstrong	Cambria	Clearfield	Cameron	Clinton	Croghan	Djefferson	Indiana	Jefferson	Lyonning	Mercer	Potter	Tioga	Tennango	Washington	Westmoreland	Total		
Phillips, T. W., Gas & Oil Company	2	3	-	-	2	-	2	3	-	-	10	5	-	-	-	-	5	-	32	
Pittsburgh Plate Glass Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Pittsburgh Steel Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Preston Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Reedern & Hard, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Rieser, Herman, Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Roberts & Hossin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Saxonburg Heat & Light Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Schreongost, Fred M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Schwertin, Wm. A., & Company, and Getman, W. I.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Smith, Dale A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Snee & Eberty and The Peoples Natural Gas Co.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Starr, Albert Q.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Thrower, William	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Union Drilling, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
Waverly Oil Works Company, The	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Wharton, C. C., Jr.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Whisner, A. L.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Wood, Blaine, & Others	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Worldwide Petroleum Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
TOTAL	19	15	2	1	13	2	5	27	13	5	3	8	37	12	27	2	1	5	1	268

TABLE # 7
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED
JANUARY - DECEMBER, 1961

TABLE # 7
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED
JANUARY - DECEMBER, 1961.

Company	Total
Allentown	1
Bedford	1
Bucks	1
Cameron	1
Clearton	2
Clymer	1
Durat	1
Erie	1
Fayette	2
Greene	1
Indiana	1
Jefferson	1
Ligonier	1
Mercer	1
Potter	1
Somerset	1
Taylor	1
Vernago	1
Washington	1
Westmoreland	1
York	1
Total	18

TABLE # 7
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED
JANUARY - DECEMBER, 1961

Company	Total
Phillips, T. W. & Oil Company	-
Pittsburgh Plate Glass Company	-
Pittsburgh Steel Corporation	-
Preston Oil Company	-
Redfield & Herd, Inc.	-
Riesen, Herman, Gas Company	-
Robert & Heslin	-
Saxonburg Heat & Light Company	-
Schwerin, W. A., & Company, & Gettman, W. I.	-
Snee & Eberly and The Peoples Natural Gas Co.	-
Starr, Albert Q.	1
Stitt, H. I., Dr.	-
Sullivan, John P.	-
United Natural Gas Company	-
Washington Oil Company	-
Waverly Oil Works Company, The	1
West Bethlehem Gas Company	-
Worldwide Petroleum Corporation	-
Total	17 18 2 1 10 3 16 12 13 5 1 2 6 36 22 2 1 5 4 1 2 32 15 1 2h3

TABLE # 8
SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED
JANUARY - DECEMBER, 1961

Company	Allegheny	Armstrong	Butler	Fayette	Greene	Indiana	Jefferson	Washington	Total
Alleghany River Mining Company	-	3	-	-	-	-	-	-	3
Bertetto Brothers Coal Company	-	1	-	-	-	-	-	-	1
Bethlehem Mines Corporation	-	-	-	-	6	-	-	-	9
Casella Coal Company, Inc.	-	1	-	-	-	-	-	-	1
Doverspike Brothers Coal Company	-	-	-	-	-	-	1	-	1
Duquesne Light Company	-	-	-	-	6	-	-	-	6
Emerald Coal & Coke Company	-	-	-	-	3	-	-	-	3
Harmar Coal Company	6	-	-	-	-	-	-	-	1
Imperial Keystone Coal Corporation	-	-	-	-	-	1	-	-	1
Jones & Laughlin Steel Corporation	-	-	-	-	3	-	-	1	4
Leechburg Mining Company	-	-	-	-	-	-	-	-	1
Maiden Mining Company	-	-	-	-	2	-	-	-	2
Mateer Coal Company	1	-	-	-	-	-	-	-	1
Mathies Coal Company	-	-	-	-	-	-	-	5	5
National Mines Corporation	1	-	-	2	-	-	-	-	3
Pittsburgh Coal Company	1	-	-	-	-	-	-	7	8
Republic Steel Corporation	35	-	5	-	10	-	-	2	52
Rochester & Pittsburgh Coal Company	-	2	-	-	-	-	2	-	2
Spencer, H. F.	-	-	-	-	-	-	2	-	2
United States Steel Corporation	-	-	-	-	4	-	-	9	13
 TOTAL	44	12	5	2	34	1	3	27	128

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

ANTHRACITE DIVISION

	<u>EXECUTIVE OFFICE</u>		<u>Area Code</u>	
Lewis E. Evans Secretary of Mines and Mineral Industries	Capitol Building 617 Belmont Avenue	Harrisburg Ebensburg	Cedar Ext. 814	8-5151 3020 2-9563
Daniel H. Connally Deputy Secretary	Anthracite Institute Bldg. 237 Old River Road 25 East Bennett Street	Wilkes-Barre Kingston	Valley Valley Butler	2-9150 or 2-9401 7-0497
James J. Shober Deputy Secretary	Schuylkill Trust Bldg. 227 West Ridge Street	Pottsville Lansford	Market Mitchell	2-1110 5-3868
W. R. Cunningham Deputy Secretary Oil & Gas Division	Capitol Building 919 Harlan Avenue	Harrisburg Johnstown	Cedar Ext.	8-5151 3635 34-2812
Leon Ehrlich Deputy Attorney General	Capitol Building	Harrisburg	Cedar Ext.	8-5151 3620
Mrs. M. B. Gutshall Administrative Officer	Capitol Building 2958 Lincoln Street	Harrisburg Camp Hill	Cedar Ext. Regent	8-5151 3021 7-9895
<u>MINING ENGINEERS</u>				
Ralph A. Lambert Chief Mining Engineer	Capitol Building 3330 Highland Street	Harrisburg Allentown	Cedar Ext. 215	8-5151 2395 395-4585
Rodger J. Howell	229 Morton Street	Old Forge	Glenwood	7-6447
William Taby	204 North Rock Street	Shamokin	64	8-2436
Harry A. Voigt	49 So. Atherton Avenue	Kingston	Butler	7-4906
George A. Brecker	1954 Elk Avenue	Pottsville	Market	2-0391
Norman Becker	95 West Vaughn Street	Kingston	Butler	7-4755
<u>ELECTRICAL INSPECTORS</u>				
Michael Polinko	1211 Chestnut Street	Kulpmont	37	3-9449
Joseph Golden	25 Price Street	Kingston	Butler	7-1307
<u>FORESTER</u>				
John P. Mikulecky	Park Crest	Barnesville	Lakewood	145
<u>MINE RESCUE & FIRST AID INSTRUCTORS</u>				
Stephen A. Sirotnak	409 Erie Street	Throop	Hunter	9-3354
Stephen Matsick	617 East Patterson Street	Lansford	Mitchell	5-3868

ANTHRACITE MINE INSPECTORS

				<u>Area Code</u>	
1	W. A. Sanders	R	R. D. 2	Dalton	Locust 3-7821
2	I. L. Wackley	O	1801 No. Washington Ave.	Scranton	Diamond 3-6277
3	W. G. Ward	O	119 First St. (Blakely)	Olyphant	Hunter 9-1903
11	T. M. Beaney	O	366 Monument Avenue	Wyoming	602
13	J. D. Edwards	O	55 Butler Street	Wyoming	601
14	K. C. Lee	O	88 Old River Road	Wilkes-Barre	Valley 3-1977
15	Ralph Ditzler	O	593 North Vine Street	Hazleton	Gladstone 5-3733
16	F. C. O'Connor	O	R. D. 2, Box 370	Pottsville	(Minersville (Liberty) 4-2573
17	G. F. Kettle	O	246 West Spruce Street	Shamokin 64	8-2335
18	P. P. Hino	O	108 East Mahanoy Street	Mahanoy City	1308
19	J. J. Shober, Jr.	O	64 East Railroad Street	Nesquehoning	Morris 9-6048
20	G. P. Gallagher	O	103 East Arch Street	Shamokin 64	8-3887
21	A. J. Latz	O	9 West Phillips Street	Coaldale	(Lansford (Mitchell) 5-5727
22	J. R. Ruane	O	928 No. Washington Street	Shamokin 64	8-0262
23	J. P. Brophy	O	422 West 3rd Street	Mount Carmel 33	9-3171
24	H. E. Shomper	O	138 East Lincoln Street	Shamokin 64	8-3124
25	Walter Davis	O	American Legion Blvd.	Pine Grove	Fireside 5-8311
26	J. B. Reinoehl	O	132 East Mahanoy Avenue	Mahanoy City	1020
27	R. O. Schneider	O	216 North 9th Street	Ashland	258
28	A. A. Joyce	O	317 South Maple Street	Mount Carmel 33	9-0514
29	H. R. Reese	O	R. D. 1, Box 41	Elysburg 67	2-3853
30	M. D. Maurer	O	25 Vaux Avenue	Tremont	Myrtle 5-3672

OIL & GAS INSPECTORS

1	Charles C. Songer	Apt. 6, 44 Jackson Ave.	Bradford	Forest 2-3645
2	Howard W. Martin	1007 Wayne Avenue	Indiana 412	Hopkins 3-0590
3	Charles E. Baldwin	907 William St., McJ. Acres	Washington 412	Baldwin 2-3295
4	William J. Burns, Jr.	335 North Barnett Street	Brookville 814	Vinewood 9-2445
5	Raymond V. McCartney	601 Madison Avenue	Grove City	1012
6	Richard F. Walther	State Office Building 300 Liberty Avenue 630 Southview Drive	Pittsburgh 22 412 Pittsburgh 26	Express Ext. Locust 1-2100 734 3-3656

ELECTRICAL ENGINEER

Karl A. Meyer	84 River Street	Forty Fort	Butler	7-3753
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FIELD INVESTIGATORS

George J. Segaritis	226 North 2nd Street	Girardville	Brown	6-1065
Joseph P. Hood	1½ Drummond Street	Pittstown	Olympic	4-2160
Michael F. Cavanaugh	Lost Creek No. 2	Shenandoah	Howard	2-0674

NOTE: District 7 became part of District 11 on January 1, 1962.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION
Breakers, Washerries and Preparation Plants
1961

District	Preparation Plant	Company	Location
21	A. & S. Breaker	A. & S. Coal Co.	Adamsdale
2	Ace Breaker	Ace Coal Co., Inc.	Blakely
24	Ace Breaker	Ace Coal Sales	Weigh Scale
26	Altamont Breaker	Altamont Coal Co.	Frackville
25	Atkins Breaker	Atkins Coal Co.	Frackville
20	Atlas Breaker	Atlas Coal Co.	Atlas
21	Auburn Washery	Wiyda Coal Co.	Auburn
21	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven
24	Bar-Mac Breaker	Bar-Mac Coal Co., Inc.	Weigh Scale
27	Barry Washery	Koury Coal Co.	Ashland, R. D. 1
15	Beaver Brook Breaker	Beaver Brook Coal Co.	Beaver Brook
11	Bel Air Breaker	Bel Air Coal Co.	Duryea
24	Bellaire Breaker	Bellaire Coal Sales, Inc.	South Shamokin
24	Bellaire Washery	Bellaire Coal Sales, Inc.	Bear Valley, R. D. 2
3	Bellevue Washery	Monroe Co., Inc.	Scranton
16	Bixler Breaker	Bixler, Clayton M.	Valley View
21	Black Heath Breaker	Black Heath Coal & Const.Co.	Cressona
26	Blaschak Breaker	Blaschak Coal Co.	Saint Nicholas
11	Bliss Breaker	Bliss Coal Co.	Mildred
18	Bliss Washery	Bliss & Son, Inc.	Mauch Chunk Township
1	Bolands Breaker	DeAngelis Supreme Anth., Inc.	Carbondale
11	Booth Breaker	E. & B. Coal Sales	Cherry Township
19	Brockton Breaker	Brockton Coal Co.	Brockton
11	Bylite Breaker	Bylite Corp.	Plains Township
29	Cains Breaker	Cain, Edward	Shamokin
26	Candlemas Breaker	Candleton Coal Co.	Haddock
24	Carbon Run Breaker	Rosini Coal Co.	Shamokin
22	Centralia Breaker	Coates Coal Co.	Centralia
30	Cessna Washery	Cessna Coal Co.	Wiconisco
15	Chernock Breaker	Chernock Coal Co.	Milnesville
20	D. & D. Breaker	D. & D. Coal Co.	Mount Carmel
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scale
30	Deitrich Breaker	Deitrich, Willis	Williamstown
20	Diamond Breaker	Diamond Coal Co., Inc.	Atlas
11	Dicksville Breaker	Dicksville Coal Co.	Swoyersville
24	Diminick Breaker	Diminick Coal Sales	Paxinos
21	DiRenzo Breaker	DiRenzo Coal Co.	Minersville
25	Donaldson Breaker	Anthracite Fine Coals, Inc.	Donaldson
11	Dorrance Breaker	Lehigh Valley Anth., Inc.	Wilkes-Barre
30	Elizabethville Washery	Elizabethville Coal Co.	Elizabethville
26	Englewood Breaker	Englewood Coal Co.	Frackville
25	Franklin Hydrated Breaker	Franklin Miller	Ravine
18	G. & S. Washery	G. & S. Coal Co.	Nesquehoning
27	Gilberton Breaker	Gilberton Coal Co.	Gilberton
24	Glen Burn Breaker	Gap Anthracite Co.	Shamokin
14	Glen Lyon Breaker	Grant Anthracite Co.	Glen Lyon
21	Glen Worth Breaker	Glenn Worth Coal Co.	Cressona
24	Glosek Breaker	Glosek Bros. Coal Sales	Weigh Scale
15	Gowen Breaker	Gowen Coal Co.	Fern Glen
18	Greenwood Breaker	Greenwood Mining Co.	Rahn Township
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton, R. D. 1
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Zerbe Township
11	Harry E. Breaker	Indian Head Coal Co.	Swoyersville
15	Hazleton Breaker	Lion Coal Co.	Hazleton
15	Hazleton Shaft Breaker	Lehigh Valley Anth., Inc.	Hazleton
15	Highland No. 5 Fine Coal Plant	Jeddo-Highland Coal Co.	Highland
18	Hillside Breaker	Hillside Coal Co.	South Tamaqua
25	Hillside Breaker	Hegins Mining Co.	Zerbe
27	Hill Vue Breaker	Hill Vue Coal Co.	Ashland, R. D. 1
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenedri
24	Hoover Breaker	Hoover Mining Co.	Paxinos
13	Huber Breaker	Glen Alden Corp	Ashley

District	Preparation Plant	Company	Location
15	Humboldt Breaker	Chisnell Coal Co.	Humboldt
25	Indian Head Breaker	Indian Head Coal Co.	Tremont
22	Jeddo-Highland Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Harleigh
24	K. & D. Breaker	K. & D. Coal Co.	Weigh Scale
21	K. & P. Breaker	K. & P. Coal Co.	Minersville
19	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport
19	Kaska Breaker	Dale Contracting Corp.	Middleport
11	Kassa Breaker	Kasser Coal Co.	Dupont
30	Kelly Ramp	Kelly Coal Co.	Spring Glen
27	Kemble Breaker	Five Par Coal Co.	Hegins
25	Koch's Breaker	Koch, Joseph	Ravine
16	Kochev Breaker	Kochev Co., Leon	Valley View
21	Kowalchick Breaker	Kowalchick, Michael	Primrose
30	Kresier Washery	Kreiser, Harvey C.	Anville
30	L. & R. Washery	L. & R. Coal Co.	Wiconisco
16	Legal Breaker	Legal Coal Co.	Good Spring
26	Lehigh Park Breaker	Peca Coal Co., Inc.	Mahanoy City
25	Lincoln Anthracite Breaker	Lincoln Anthracite Co.	Lincoln
15	Lion Breaker	Cunningham Coal Co.	Hazleton
21	Live Oak Breaker	Live Oak Coal Co.	Primrose
23	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap
7	Loomis Breaker	Pyramid Coal Co.	Nanticoke
11	Loree Breaker	Hudson Coal Co.	Larksville
24	Lower Region Breaker	Lower Region Colliery	Trevortown Road
21	Lowland Washery	Lowland Coal Co.	Landingville
21	M. & S. Breaker	M. & S. Coal Co.	Schuylkill Haven
27	Malho Breaker	Malho Coal Co.	Lavelle
22	Mammoth Breaker	Mammoth Coal Co.	Lost Creek
21	Maple Spring Breaker	Maple Spring Coal Co.	Branchdale
21	Marlin Breaker	Cass Contracting Co.	Marlin
2	Marvine Breaker	North Coal Co.	Scranton City
18	Mary-D Washery	Integrity Coal Co.	Tuscarora
26	Mazalika Breaker	Mazalika Bros. Coal Co.	Tamaqua, R. D.
30	Meadowbrook Breaker	Meadowbrook Coal Co.	Lykens
27	Millersville Breaker	Pine Ridge Mining Co.	Ashland
15	Mineralis Breaker	Mineralis Recovery Corp.	Hazleton
21	Minersville Breaker	Minersville Coal Co.	Minersville
26	Morea Breaker	Peca Coal Co., Inc.	Morea
2	Morgan Breaker	Old Forge Coal Co., Inc.	Old Forge
26	Mount Hazle Breaker	Locust Valley Coal Co.	New Boston
18	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua
18	Newkirk Breaker	Newkirk Mining Co.	Tamaqua
24	North Line Breaker	Steam Coals, Inc.	Shamokin
1	Northwest Breaker	Ciclo Coal Co.	Fell Township
3	Number One Washery	Wyoming Co.	Dunmore
25	Oakwood Breaker	Oakwood Coal Co.	Pine Grove
25	O'Briens Breaker	O'Brien, Harry	Pine Grove
21	Old Mill Breaker	Old Mill Coal Yard	Llewellyn
21	Olenick Breaker	Olenick Bros. Coal Co.	Forestsville
30	P. & W. V. Ramp	P. & W. V. Coal Co.	Lykens
11	Pastusic Breaker	Pastusic Bros.	Cherry Township
25	Penag Breaker	Penag Coal Co.	Good Spring
1	Penbrook Breaker	Penbrook Coal Co.	Archbald
30	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen
1	Pompey Breaker	Pompey Coal Co.	Jessup
1	Powderly Breaker	Hudson Coal Co.	Carbondale
25	Potts Breaker	Potts, Allen	Pine Grove, 3
18	R. & R. Washery	R. & R. Coal Co.	Lehighton, R. D. 2
1	Raymond Breaker	Booth Products, Inc.	Archbald
30	Reedy Washery	Reedy Partnership Coal Co.	Williamstown
27	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland, R. D. 1
24	Reidinger Breaker	Reidinger Coal Service	Paxinos
27	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah
26	Royal Breaker	Royal Anthracite Coal Co.	Tamaqua, R. D.
26	Saint Nicholas Breaker	Reading Anthracite Co.	Saint Nicholas
19	Salem Creek Breaker	Salem Creek Coal Corp.	Pottsville
20	Savitski Breaker	Savitski Bros. Coal Service	Atlas
25	Schnecks Breaker	Schneck, Thomas	Pine Grove, 1

District	Preparation Plant	Company	Location
19	Scutta Breaker	Scutta Coal Co., Inc.	New Philadelphia
26	Seltzer Breaker	Seltzer Coal Co.	Frackville
30	Sheridan Washery	Phoenix Contracting Co.	Tower City
30	Shomper Breaker	Shomper Coal Co.	Tower City
19	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia
26	Skytop Breaker	Skytop Coal Co.	New Boston
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scale
18	South Tamaqua Coal Pockets	South Tamaqua Coal Co.	South Tamaqua
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamaqua
30	Stonehill Breaker	Stonehill Coal Co.	Loyalton
30	Strohecker Breaker	Strohecker Coal Co.	Elizabethville, R.D.
28	Sunshine Breaker	Sunshine Coal Co.	Dunkleberger
16	Superior Breaker	Superior Coal Co.	Valley View
25	Swatara Breaker	Swatara Coal Co.	Zerbe
24	Swift Breaker (Dark Corners)	Swift Coal Sales	Paxinos
3	Taylor Breaker	Moffat Coal Co., Inc.	Taylor Borough
29	Thomas Breaker	Thomas Coal Co., Inc.	Shamokin
25	Tremont Breaker	Tremont Coal Co.	Tremont
17	Trevortown Breaker	Trevortown Coal Co.	Trevortown
30	Underkoffler Breaker	Underkoffler Coal Co.	Lykens
15	Upper Lehigh Breaker	Sandy Run Miners & Prod., Inc.	Upper Lehigh
26	Valley Breaker	Valley Coal Co.	Tamaqua
11	W. W. Coal Sales Washery	W. W. Coal Sales	Wyoming
1	Waddell Breaker	Waddell Coal Mining Co.	Winton
21	Walton Breaker	Walton, John	Schuylkill Haven
26	Wessner Breaker	Wessner Coal Co.	Tamaqua
11	Woodward Breaker	Glen Alden Corp.	Edwardsville
21	Woratyla Breaker	Woratyla, Anthony	Llewellyn

(a) - Centralia Breaker burned down June 10, 1961.

(b) - Reopened Breaker during October - repair work only.
Operated as I. D. M. Realty Co., Inc. from May to
June 1961.

(c) - Kemble discontinued operations during January 1961.

(d) - Powderly Breaker has been idle since January 27, 1961
and is being dismantled.

(e) - Ceased operations July 19, 1961.

(f) - Ceased operations December 15, 1961

(g) - Breaker Preparation discontinued operations October 14, 1961.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE OPERATORS - YEAR 1961

District	Operator	General Manager	Address
21	A. & B. Coal Co. @	Thomas Brennan	Minersville
21	A. & B. Coal Co. @	Aurelio Cano	Minersville
2	A. C. & A. Coal Co. DM	Frank Ambrose	Old Forge
29	A. & H. Coal Co. @	Charles F. Adams	Shamokin
16	A. & J. Coal Co. DM	Andrew Dreibitko'	Pottsville
21	A. & J. Coal Co. G	James Harvey	Minersville
22	A. & J. Coal Co. @	Joseph Almeda	Atlas
24	A. & J. Coal Co. DM	Edward Scotta	Shamokin
3	A. & R. Coal Co. DM	Ralph Ricino	Jessup
21	A. & S. Coal Co. BP	Charles Shoener	Schuylkill Haven
11	A. S. V. Coal Co. S	Anthony Agati	Pittston
20	A. & T. Coal Co. G	Felice Andreatti	Atlas
20	A. T. D. Coal Co. G	Cyril Doyle	Mt. Carmel
29	A. & W. Coal Co. G	Joseph Astick	Shamokin
22	Abrasconis, John @	John Abrasonis	Shenandoah
24	Astromitis Coal Co. @	Penrose Kerstetter	Shamokin
24	Ace Coal Co. BP	Edward Bogner	Kulpmont
2	Ace Coal Co., Inc. B DM	Louis Simonselli	Jessup
30	Acme Coal Co. DM	Joseph Reho	Williamstown
28	Adams Coal Co. G	Foster Adams	Helfenstein
20	Adams Coal Co. G	Adam Pisanko	Kulpmont
15	Admiral Coal Co. bk	John McCarthy	Pittston
17	Alarcon Coal Co. DM	Frank Alarcon	Keiser
26	Alessi Coal Co. DM	Natalie Alessi	Mahanoy City
23	Al Mar Coal Co. DM	Albert Deitz	Mt. Carmel
26	Altamont Coal Co. BP	George Kostishok	Fraciville
22	Altamose Coal Co. @	Sam Altmore	Centralia
22	American Coal Co. G	Ira Hill	Centralia
20	Amerose Bros. Coal Co. @	Louis Amerose	Atlas
20	Andreatti & Fruit Coal Co. G	Felice Andreatti	Atlas
30	Anspach & Uebenhauer Co. @	Fred Anspach	Pine Grove, R.D.1
25	Anspach-Zimmerman Co. @	Marlin Zimmerman	Ravine
25	Anthracite Fine Coals Inc. BP	Robert Doebler	Donaldson
27	Ascioti Coal Co. @	Samuel Ascioti	Girardville
27	Ashland Valley Coal Co. S	Frank Garber	Ashland
29	Astick, Wehary, Snyder Coal Co. @	Joseph Astick	Shamokin
26	Atkins Coal Co. BP	Henry Atkins	Fracville
20	Atlas Coal Co. BP	Anthony Bianchi, Jr.	Atlas
15	Audenried Mines, Inc. DM	Daniel Bloss	Hazleton
25	Augustine Co., M. @	Alex Augustine	Mt. Carmel
30	Aungst Coal Co., Dory DM	Joseph Bahn	Pine Grove, R.D.3
11	B.A.P. Coal Co. DM	Bernard Berzinskas	Wilkes-Barre
20	B. & B. Coal Co. G	Leo Eator	Keiser
20	B. & B. Coal Co. @	Amil Bielański	Ashland
21	B. & B. Coal Co. @	William George	Ashland, R.D.1
23	B. & B. Coal Co. G	Norbert Anascavage	Shamokin
28	B. & B. Coal Co. @	Frank Barella	Mt. Carmel
29	B. & B. Coal Co. @	Gilbert Bridy	Shamokin
30	B. & B. Coal Co. @	Earl E. Bixler	Pine Grove, R.D.
30	B. B. K. Coal Co. @	Harold Brown	Tremont
16	B. & C. Coal Co. DM	Willard Clark	Hegins
26	B. & C. Coal Co. @	Joseph Benedict	Mahanoy City
28	B. & C. Coal Co. @	Edward Campbell	Shamokin
23	B. & D. Coal Co. G	John Baranowski	Excelsior
27	B. & D. Coal Co. @	Leroy Bainbridge	Pottsville R.D.2
29	B. & D. Coal Co. G	Arthur Boscolovich	Ranshaw
19	B. D. & K. Coal Co. @	Joseph Bulvich	Cumbola
20	B. D. & M. Coal Co. @	Henry Barlow	Atlas
26	B. D. & S. Coal Co. @	Felix DeCasimirro	Morea Colliery
17	B. & E. Coal Co. @	David A. Ernest	Shamokin
20	B. & E. Coal Co. @	William Biscoe	Girardville
21	B. & E. Coal Co. @	Stanley Baritsky	Pottsville, R.D.1
25	B. & E. Coal Co. @	Norman Etzwiler	Valley View
30	B. & E. Coal Co. @	Boyd Strohecker	Williamsport
26	B. & G. Coal Co. @	Steve Bolish	Mahanoy City

District	Operator	General Manager	Address
21-28	B. & H. Coal Co. G DM	Edward J. Bogner	Kulpmont
26	B. & H. Coal Co. @	Paul Hoats	KcAadoo
30	B. & H. Coal Co. @	Daniel Hoffman	Spring Glen
16	B. H. D. Coal Co. @	Roger Derr	Tower City
24	B-H-D Partnership @	Frank Delorsco	Shamokin
30	B. H. M. Coal Co. @	Alfred Koyer	Tower City
30	B. H. M. Partnership @	George Honvra	Pottsville, R.D.2
19	B. & K. Coal Co. @	Joseph Bulovich	Cumbola
21	B. & K. Coal Co. DM	Floyd Koch	Schuykill, R.D.1
22	B. & K. Coal Co. @	Amil Bielarski	Ashland
29	B. & K. Coal Co. @	Joseph Bodnar	Mount Carmel
19	B. & K. Partnership @	John Kochmier	Cumbrook
21	B. & K Partnership @	Stephen Karpulk	Pottsville, R.D.1
29	B. K. P. Coal Co. @	John Patrilak	Kulpmont
27	B. & L. Coal Co. @	Nicholas Borzok	Frackville
29	B. & L. Coal Co. @	Michael Grego	Keiser
29	B. & L. Coal Co. @	William Lipsett	Shamokin
16	B. & M. Coal Co. DM	Wayne Koyer	Valley View
19	B. & M. Coal Co. @	John Malacusky	Pington, R.D.1
21	B. & M. Coal Co. @	John Borbar	Minersville
30	B. & M. Coal Co. @	Ralph Boyer	Valley View
21	B. & N. Coal Co. BP	Lewis Grover	Schuylkill Haven
26	B. & N. Coal Co. @	Steve Bolish	Mahanoy City
28	B. & N. Coal Co. @	James Brassington	Catawissa, R.D.3
29	B. & P. Coal Co. @	Walter Borkowski	Ransaw
24	B-P-E Coal Co. @	Dale Elliott	Shamokin
17	B. & S. Coal Co. @	Joseph J. Sedor	Shamokin
19	B. & S. Coal Co. @	Anthony Bosco	Lavelle
20	B. & S. Coal Co. @	Frank Baron	Shamokin
23	B. & S. Coal Co. DM	Leo V. Blasovich	Shamokin
30	B. S. K. Coal Co. @	William Bressler	Merino, R.D.1
29	B. T. Z. Coal Co. @	Peter Bendes	Rashaw
21	B. & W. Coal Co. DM	Clarence Bixler	Shamokin
24	B. & W. Coal Hole @	Joseph Bendas	Keiser
27	B. Z. & D. Coal Co. @	Thomas Doyle	Buck Run
30	B. Z. K. Coal Co. @	Harold Brown	Tremont
25	Bain Co., Alfred bk	Alfred Bain	Pine Grove, R.D.3
17	Bank Coal Co. @	Edward Parenzan	Shamokin
23	Bar-B Mining Co. DM	C. J. Chervarik	Shamokin
21	Bar-Nac Coal Co., Inc. DM BP	Vincent Varano	Paxinos
21-29	Barnhart Coal Co. @	Robert Barnhart	Llewellyn
24	Barst & Bogutski Co. @	Stanley Barsh	Shamokin
23	Bartoli Coal Co. @	Alfred Bartol	Rt. Carmel
13	Bartoli Construction Co., Gene bk	Gene Bartoli	Mountain Top
18	Bartush & Borinsky Coal Co. @	Peter Bartush	Middleport
21	Baruka Coal Co. @	Stephen Baruka	Pottsville, R.D.2
19	Basgil Bros. Coal Co. DM	Vincent Basgil	New Philadelphia
1	Baumann, J. C. S	John C. Baumann	Childs .
22	Beaver, Robert @	Robert Beaver	Shenandoah
15	Beaver Brook Coal Co. BP S	George hu.s	Hometown
26	Becker Coal Co. DM	John Becker	Ishann City
21-28	Bednarczyk Coal Co. DM	Joseph W. Bednarczyk	Shamokin
2	Beggin Coal Co. @	Michael Beggin	Jessup
11	Bel Air Coal Co. BP	Bert Andrews	Duryea
28	Bell Coal Co. @	Fred Marquette	Shamokin, R.D.1
30	Bell & Co., Thomas @	Thomas Bell	Williamstown
24	Bellaire Coal Sales, Inc. W BP	Joseph Bednarczyk	Shamokin
19	Bernitsky Coal Co. DM	Albert Bernitsky	New Philadelphia
19	Bernitsky & Stenulis Partnership @	Joseph Bernitsky	Port Carbon
29	Big Bear Coal Co. @	Stanley Rozinski	Shamokin
22	Big Mine Run Coal Co. @	John Hendrick	Ashland
26	Biskupics & Co. @	John K. Biskupics	Tanqua, R.D.2
16	Bixler Co., Herman @	Herman Bixler	Valley View
16	Bixler Coal Co. BP	Clayton Bixler	Valley View
20	Black Coal Co. @	George Yodis	Mt. Carmel
16	Black Diamond Coal Co. @	Mark O'san	Valley View
21	Black Heath Coal & Const. Co., Inc. BP	Allen C. Koch	Orwigsburg
26	Blaschak Coal Co. BP	Anthony Blaschak	Mahanoy City
1	Blase Coal Co. DM	Dominick Blase	Archbald
18	Blashock Coal Co. @	John J. Blashock, Jr.	Barnesville, R.D.1
19	Blashock Bros. Partnership @	John Blashock	New Philadelphia
11	Bliss Coal Co. B S	Carl Bliss	Mildred
18	Bliss & Son, Inc. W bk	R. T. Bliss, Sr.	Nesquehoning
29	Blue Coal Co. @	George Venarchick	Shamokin

District	Operator	General Manager	Address
30	Blyler Co., Glen S	Glen Blyler	Williamstown
29	Bogetti Coal Co. @	Peter Bogetti	Shamokin
26	Bologa & Co. @	John Bologa	New Boston
21	Bombar Partnership @	John Bombar	Minersville
11	Bonus Coal Co. DM	Robert Kusti	Scranton
25	Bonawitz Coal Co. @	Dan Bonowitz	Pine Grove
26	Boner & Webb Coal Co. DM	Ray Webb	Mahanoy City
1	Booth Products, Inc. BP	C. A. Booth	Carbondale
21	Bosack Coal Co. @ DM	Frank Bosack, Jr.	Pottsville, R.D.2
24	Boslego Coal Co. DM	Joseph Olaf	Kulpmont
2	Botcheller Co., Inc. L. J. S	L. J. Botcheller	Scranton
27	Bowman & Coleman Coal Co. DM	Henry Bowman	Sacramento
29	Boydtown Mining Co. @	Leonard Rogers	Kulpmont
17	Brady Coal Co. @	Joseph W. Karpinski	Panshaw
25	Bren Bar Contracting Co. S	Leon Brass	Tremont
24	Brennan & Burrell Partners @	Lawrence Brennan	Shamokin
26	Brisko & Co. @	John Brisko	Morea Colliery
19	Brockton Coal Co. BP	Harold Burchill	Frackville
17	Broken Coal Co. @	Gilbert L. Maurer	Trevorton
26	Brokeshire & Co. @	George Brokeshire	Barnesville, R.D.
17	Bruno & Piefer Coal Co. @	John E. Bruno	Trevorton
13	Bubel Coal Co. DM	M. J. Bubel	Brockton
19	Buchinsky Partnership @	Michael Buchinsky	Port Carbon
21	Buck Mountain Coal Co. DM	John Sholansky	Minersville
24	Burnside Mining Co. @	Wilbur Pegley	Shamokin
16	Bush Coal Co. DM	Earl Bush	Tower City
13	Bushy Tract Coal Co. @	John W. Murphy, Jr.	Middleport
19	Butensky Coal Co. @	Charles Butensky	Branchdale
26	Byer & Co. @	Joseph Byer	Mahanoy City
11	Bylite Corp. B bk	Donald Markle, Jr.	Wilkes-Barre
22	C. & B. Coal Co. @	Joseph Calabretta	Girardville
19	C. B. & D. Coal Co. @	Joseph Cooper	Port Carbon
7-11	C. B. M. Coal Co. bk S	Gene Bartali	Plains
2	C. & D. Coal Co. DM	Edward Chrusciel	Jessup
21	C. & D. Coal Co. DM	Leonard Contarino	Pottsville
29	C. & F. General Contracting Co. bk S	Leonard Chepleski	Ranshaw
2	C. & G. Coal Co. DM	Robert J. Cavan	Kingston
19	C. G. & S. Partnership @	Charles Chiminitz	Cumbola
20-24	C. & J. Coal Co. bk S	Charles Greco	Atlas
23	C. & J. Coal Co. bk S	Charles Greco	Mount Carmel
23	C. & K. Coal Co. @	Thomas Covaleski	Panshaw
19	C. K. & G. Coal Co. @	Charles Chiminitz	Cumbola
16	C. K. S. Coal Co. DM	Henry Conrad	Valley View
26	C. & L. Coal Co. @	Eugene Riley	Mahanoy City
17	C. & K. Coal Co. DM	Paul J. Costa	Sunbury
17	C. & M. Coal Co. @	Thomas J. Morris	Shamokin
21	C. & N. Coal Co. @	William Chernosky	Pottsville, R.D.1
23	C. & L. Coal Co. @	Frank Cyzio	Shamokin
28	C. & M. Coal Co. @	Richard Cooper	Shamokin, R.D.1
19	C. N. & P. Partnership @	Anthony Chukusky	Frackville
19	C. S. & K. Coal Co. @	Anthony Chavokes	Port Carbon
27	C. & W. Coal Co. @	Martin Carroll	Minersville
27	C. & Y. Coal Co. @	William Yoder	Pottsville, R.D.2
29	Cains Coal Co. BP	Edward Cain	Shamokin
26	Candleton Coal Co. bk W	G. A. Schnee	Hazleton, R.D.
19	Canfield Construction Co. S	Thomas Canfield	Port Canfield
11	Capone Coal Co. DM S bk	Patrick Capone	Wilkes-Barre
27	Capparell Coal Co., Inc. BP	S. T. Capparell	Shenandoah
27	Capparell Stripping & Construction Co., Inc. bk S	S. T. Capparell	Shenandoah
1	Carbondale Coal Co. S	Ivor L. Williams	Ashley
1	Carco, Inc. S	Charles K. DeWees	Wilkes-Barre
24	Carl Coal Co. @	Leon Carl	Shamokin
21	Cass Contracting Co. BP	James V. Ryan	Pottsville, R.D.2
1	Castelli & Coccodrelli, Inc. DM	James Castelli	Archbald
30	Cessna Coal Co. bk W	John Cessna	Wiconisco
18	Charbon Fuel Sales, Inc. S	Jesse C. Hill	Orwigsburg
22	Charnick Coal Co. @	Leo Charnick	Frackville
21	Cherkis Partnership @	Wassel Cherkis	Minersville
15	Chernock Coal Co. BP	Joseph Chernock	Hazleton
28	Cherry Coal Co. @	Paul Kovaleski	Mount Carmel
29	Cherry Hill Coal Co. @	Walter Koshinski	Shamokin
23-29	Chervanik Associates S	C. J. Chervanik	Shamokin

District	Operator	General Manager	Address
17	Chestnut Coal Co. @	Stephen Shingara	Sunbury, R.D.3
15	Chisnell Coal Co., Inc. B S	George Chisnell	Hazleton
1	Cicio Bros. S BP	Michael Cicio	Mayfield
16	Clark Coal Co. DM	Clark Maurer	Hegins
19	Clarkson Coal Co. DM	Donald Brown	Minersville
1	Clearview Coal Co. DM	Alfred Merollini	Peckville
18	Click Coal Co. @	J. A. Weiderhold	Minersville
27	Cliff Coal Co. @	Thomas Clifford	Shenandoah
1	Coalbrook Iron & Metal Co. bk	John C. Baumann	Childs
22	Coates Coal Co. B DM	George Daileda	Centralia
19	Cocoanut Coal Co. @	Charles Fuss	Cumbola
19	Colitz Coal Co., Joseph @	Joseph Colitz	Seltzer
27	Colket Coal Co. @	John Messaros	Branchdale
28	Collier Coal Co., Clair @	Clair Collier	Shamokin, R.D.2
28	Collier Coal Co., Hilbert @	Hilbert Collier	Shamokin, R.D.2
13	Condi Coal Co. @	Anthony Condi	Pottsville
19	Connors & Tokash Partnership @	William Connors	Pottsville, R.D.2
19	Cooper & Co. @	Adam Cooper	Port Carbon
19	Cooper Coal Co. @	Joseph Cooper	Port Carbon
19	Cooper Coal Co., Adam @	Adam Cooper	Port Carbon
19	Cooper Partnership @	Bernard Cooper	Port Carbon
19	Cooper Partnership Coal Co. @	Joseph Cooper	Port Carbon
23	Corbin Coal Co. @	Vincent Yankoski	Shamokin
23	Cosen & Co., M. DM	Michael Cosen	Mt. Carmel
17	Costa Coal Co. DM	Paul J. Costa	Sunbury
24	Costa, Martin-Partners @	Martin Costa	Shamokin
31	Crabbie Coal Co. @	Richard Mackrella	Shamokin
22	Crossroads Coal Co.	Harry David	Mahanoy Plane
29	Crown Coal Co. @	Adam Haldeman	Fine Grove
29	Crown Coal Co. @	James Shevitski	Shamokin
13	Cunningham Coal Co. bk B	Henry Ventre	West Pittston
32	Czech Bros. Coal Co. @	Stanley Czech	Shamokin
33	D. & E. Coal Co. @	Thomas E. Daubert	Fine Grove, R.D.1
18	D. & C. Coal Co. @	Sam Fioretti	Peckville
18	D. & D. Coal Co. @	Joseph Dalvet	Middleport
20	D. & D. Coal Co. BP	Cyril Doyle	Mount Carmel
20	D. & G. Coal Co. @	Stanley Gusick	Shamokin
17	D. H. & W. Coal Co. DM	Kenneth W. Whitmer	Shamokin
19	D. & J. Coal Co. @	John James	Tamaqua
28	D. & J. Coal Co. @	Daniel Fedako	Ashland
20	D. & K. Coal Co. @	Peter Dillman	Ringtown
20	D. & K. Coal Co. @	John Duchon	Shamokin
16	D. K. L. M. Coal Co. DM	Gurney Klinger	Hegins
21	D. & M. Coal Co. @	Joseph Karcovitch	Pottsville, R.D.1
21	D. & M. Coal Co. @	Joseph Millard	Minersville
30	D. & M. Coal Co. @	Russel Debler	Joliett
20	D. & N. Coal Co. @	Edward Maravage	Mount Carmel
20	D. & O. Coal Co. @	Pat DiRienzo	Atlas
29	D. & S. Coal Co. @	Charles Deitrich	Ashland
19	D. & T. Coal Co. DM	James Tenaglia	Frackville
20	D. & V. Coal Co. @	Anthony Vinske	Ashland
24	D. & Z. Coal Co. BP	Stanley Diminick	Shamokin
23	Dadura & Poplaski @	Michael Dadura	Mount Carmel
19	Dale Contracting Corp. BP bk	Ralph Steindel	Scranton
23	Callatrada Coal Co. @	Fred Dallabrida	Keiser
27	Dando Coal Co. DM	Joseph Dando	Pottsville
27	Dando Mining Co., D. J. DM	David J. Dando	Minersville
30	Daubert & Miller Coal Co. @	Arthur Daubert	Pine Grove, R.D.1
24	Dean Coal Co. @	Paul Machesic	Shamokin
1	DeAngelis Supreme Anth., Inc. BP DM	John C. Baumann	Carbondale
22	Debbie Lance Coal Co., Inc. DM	Leonard Oszko	Shamokin
30	Deitrich, Willis BP	Willie Deitrich	Williamstown
27	Deitrich & Ebert Coal Co. DM	Lewis E. Deitrich	Hegins
15	DeLance Contracting Co. @	Connie Reese	Shenandoah
3	DeLoe Trucking Co. bk	John DeLo	Dunmore
27	Dembinsky Coal Co., W. @	Wash Dembinsky	Ashland, R.D.1
27	Dezzinsky Coal Co., N. @	Nicholas Dembinsky	Minersville
27	Devers Coal Co. @	William Devers	Minersville
20	Diamond Coal Co., Inc. BP	Sanerio Greco	Mount Carmel
3	Diamond Colliery Co. DM	Joseph Giovanninni	Scranton
11	Dicksville Coal Co. B DM	Joseph Kenzakoski	Luzerne
24	Diminick Coal Sales BP	Fredinand Diminick	Paxinos
21	DiRenzo Coal Co. BP	Dominic DiRenzo	Pottsville, R.D.2

District	Operator	General Manager	Address
19	Dob Coal Co. G	Michael Dobillas	New Philadelphia
1	Do-Leb Coal Co. G	Lebro Menichetti	Jessup
20	Dormer Coal Co. bk	Alfred Dormer	Kulpmont
29	Dot Coal Co. G	Stanley Dorovich	Shamokin
24	Dreibelbis Mining Co. G	John Dreibeilis	Shamokin
19	Dudash Partnership G	Thomas Dudash	Port Carbon
24	Dugan Coal Co. G	Joseph Leschinski	Shamokin
24	Duke Associates DM	Joseph Duke	Scamokin
22	Dyszel Coal @	Peter Dyszel	Frackville
22	Dyszel Coal Co. G	Stephen Dyszel	Girardville
22	Dyszel & Luscavage @	Matt Luscavage	Cornerton
11	E. & B. Coal Sales B S	Edwin Booth, Sr.	Mildred
1	E. & H. Coal Co.	John Segura	Mayfield
16	E. & H. Coal Co. DM	Edward Kulusky	Minersville
28	E. & I. Coal Co. G	Pedro Itanez	Mount Carmel
19	E. & M. Coal Co. DM	Earl Goerten	Middleport
17	Echo Coal Co. G	Paul J. Costa	Sunbury, R.D.2
17-24-28	Edgewood Contracting Co. S	Floyd Doty	Scamokin, R.D.1
24	Edward & John Mine G	Edward Yearer	Shamokin, R.D.2
24	Eldy Coal Co. S	William Lytle	Tamaqua
18	Eli Coal Co. G	Elias Hartranft	Elizabethville
30	Elizabethville Coal Co. bk W	Isten R. Klinger	Kulpmont
23	Else Coal Co. G	Charles Else	Frackville
26	Englewood Coal Co. BP	Nicholas Tatusko	Ashland
20	Ennis Coal Co. G	William Ennis	Valley View
16	Erdman Coal Co. DM	Jay Erdman	Jermyn
1	Esgro Coal Co. DM	Dominick Esgro	Minersville
21	F. & B. Coal Co. G	David Fetterolf	Elysburg, R.D.1
28	F. & F. Mining Co. @	Richard Frarcola	Shamokin
17	F. & M. Coal Co. G	John H. Miller	Frackville
19	F. & P. Coal Co. G	William Flail	Pottsville, R.D.3
19	F. & P. Partnership @	William Furnelli, Jr.	French
16	F. & S. Coal Co. G	Charles Shutz, sr.	Centralia
20	F. & S. Coal Co. @	Francis Revenis	Pottsville, R.D.2
21	F. & W. Coal Co. G	Walter Whalen	Mount Carmel
20	F. & Z. Coal Co. G	Joseph Zukus	Shamokin
17	Fairdeal Coal Co. DM	Joseph E. Shingara	Terre
25	Fallis Coal Co. G	George Stine	Atlas
29	Fanella Coal Co. bk	Robert Fanella	Pottsville
18	Farley & Ihnat Coal Co. DM	J. N. Farley	Trenton
25	Fasnacht Coal Co. G	Noel Fasnacht	Shamokin
24	Faust Coal Co. G	Blair Faust	Nuir
25	Faust Coal Co. G	Charles Faust	Mahanoy City
26	Fegley Bros. Coal Co. DM	John R. Fegley	Fine Grove
25	Fegley Coal Co. G	Ernest Fegley	Quakake
18	Fegley & Blew Coal Co. G	Stanley Fegley	Pottsville, R.D.1
21	Fenzl Coal Co. G	Wassel Fenetz	Poch Glen
15	Ferr Glen Mining Co. DM	Gerald Brior	Higgins, R.D.2
27	Fetterolf Coal Co. G	Elwood Fetterolf	Shamokin, R.D.1
28	Fetterolf Coal Co. @	James Fetterolf	Port Carbon
18	Fisher & Blanchard Coal Co. G	Walter Fisher	Kegins
27	Five Par Coal Co. BP	Barney Marshall	Shamokin
29	Flitch Coal Co. G	Joseph Zarick	Ranshaw
17	Fogler & Chapleski Co. S	Leonard T. Chapleski	Ranshaw
24	Fogler & Chapleski bk	Leonard Chapleski	Mahanoy City
26	Forgotsch Bros. G	Vincent J. Forgotsch	Gilberton
27	Forsum Coal Co. DM	Joseph Sluck	Middleport
19	Four Par Coal Co. G	Charles Tomalavage	Shamokin
24	Four Partners @	John Vrona	Shamokin
28	Foura Coal Co. G	Benganin Foura	Shamokin, R.D.2
25	Franklin Coal Co. BP	Franklin Miller	Ravine
29	Franklin Coal Co. DM	George R. Thomas	Shamokin
18	Frye Bros. Coal Co. G	Robert Frye	Quakake
18	Frye Coal Co. G	Charles Frye	Quakake
18	Frye Coal Co. DM	Robert Frye	Middleport
18	Frye Coal Co., Thomas @	T. Frye	Pine Grove, R.D.2
30	G. A. D. Coal Co. G	Lamar Artz	Mahanoy City
19	G. & B. Partnership @	John Gormas	Port Carbon
19	G. & C. Partnership @	Charles Steranko	Ashland
20	G. & D. Coal Co. DM	Richard Green	Strong
22	G. D. & S. Coal Co. @	Anthony Gonzala	Trevorton
24	G. & H. Coal Co. G	John Honiska	Williamstown
16	G. K. Y. Coal Co. @	Joseph J. Garber	

District	Operator	General Manager	Address
16	G. K. Y. Coal Co. @	John Geist	Tower City
29	G. & L. Coal Co. @	Edward Grobleski	Shamokin
16	G. & M. Coal Co. @	Roy Green	Hegins, R.D.2
27	G. & M. Coal Co. @	Alexis Gregis	Girardville
23	G. M. P. Coal Co. DM	Stanley Pasavage	Mount Carmel
27	G. M. P. Coal Co. @	Leonard Monger	Tower City
18	G. & S. Coal Co., Inc. W bk	A. M. Gieham	Nesquehoning
27	G. T. Coal Co. @	Malcolm Thompson	Donaldson
21	G. W. & H. Coal Co. @	Joseph Wank	Pottsville, R.D.1
21	Gangloff Bros. bk	Gene Gangloff	New Ringgold, R.D.1
23-24	Gap Anthracite Co. B DM	William H. Moore	Shamokin
30	Garber Coal Co., George @	George Garber	Williamstown
22	Garcia, Cirilo @	Cirilo Garcia	Kulpmont
17	Garcia Coal Co. @ DM	Joseph J. Garcia	Kulpmont
20	Garcia Coal Co. @	Cirilo Garcia	Kulpmont
26	Garrity Estate, Richard bk	Francis Maloney	Lost Creek
1	Gasparini Excavating Co. S	Gene Gasparini	Peckville
15	Gatti Engineering, Inc. @ DM	Gerald Gatti	Driftton
22	Gaughan Coal Co. @	Thomas Gaughan	Ashland
21	Gavalis, Joseph S	Joseph Gavalis	Orwigsburg
25	Gavalis Co., Joseph S	Joseph Gavalis	Zerbe
17	Gem Coal Co. @	Vaughn K. Ditty	Gowen City
15	Genee Mining Co. @	Anthony Kofchak	Mahanoy City
18	Gerber & Smolar Coal Co. @	Lewis Gerber	Tamaqua
1	Gianforcari Coal Co. DM	George Gianforcari	Archbald
11	Gigliello Coal Co. DM	John Gigliello	Yatesville
26-27	Gilberton Coal Co. BP bk S	G. A. Schnee	Gilberton
2	Giombetti Coal Co., Leo S	Leo Giombetti	Jessup
7-11			
13-14	Glen Alden Corp. DM S B	Ivor L. Williams	Ashley
21	Glen Worth Coal Co. BP	Joseph Sausnock	Pottsville
24	Glosek Bros. Coal Sales BP	Frank Glosek	Shamokin
20	Glowaski Coal Co. @	Peter Glowaski	Danville, R.D.1
24	Golden Coal Co. DM	John Zarko	Elysburg, R.D.1
30	Gonder Coal Co. @	Isaac Gonder	Williamstown
19	Gorenty Coal Co., Earl @	Earl Gorenty	Middleport
19	Gormas Bros. Coal Co. @	George Gormas	Pottsville
19	Govern Coal Co. @	Walter Govern	Pottsville
15	Gowen Coal Co. B S	Elmer Roth	Fern Glen
24-28	Gowen Coal Co. DM	Joseph Buggy	Shamokin
29	Greager Coal Co. @	Earl Greager	Shamokin
2	Greenwood Coal Co. S	Frank Latsi	Scranton
18	Greenwood Mining Co. BP	Joseph J. Crane	Tamaqua
18	Greenwood Stripping Corp. bk S	Frank Fauzio	Nesquehoning
24	Grego & Deitz Co. @	Stanley Grego	Shamokin
15	Greybosch Coal Co. BP	John Greybosch	Hazleton, R.D.1
24	Gripp Coal Co. @	Peter Gripp	Shamokin
23	Grysikiewicz, Fred S	Fred Grysikiewicz	Kulpmont
19	Gublinsky & Slotavage Partnership @	Julian Gublinsky	Frackville
17	Gudelunas Coal Co. @	Frank J. Gudelunas	Mount Carmel
19	Gudinas Co., Albert @	Albert Gudinas	Pottsville
29	Guisbert Coal Co. @	James Guisbert	Paxinos
24	Gulba & Shaffer Co. @	Thomas Gulba	Kulpmont
28	Gusick Coal Co. @	Edward Gusick	Centralia
20	H. & B. Coal Co. @	William Nolter	Silver Creek
19	H. & C. Partnership @	Michael Calabrese	Archbald
2	H. & F. Coal Co. DM	Henry Pientac	Klingerstown
16	H. & G. Coal Co. @	David Hoffman	Ashland
20	H. & H. Coal Co. @	Eugene Hinkle	Gratz
30	H. H. & S. Coal Co. S	Carl L. Hoke	Milton
17	H. J. & H. Coal Co. BP	Harry E. Reitz	Barnesville
22	H. & K. Coal Co. DM	Joseph Kufrro	Seltzer City
30	H. K. H. Coal Co. @	Micholas Hutzel	Paxinos, R.D.1
23	H. K. & K. Coal Co. @	John Kasmer	Branchdale
30	H. K. N. Coal Co. @	John Nush	Ashland, R.D.1
30	H. L. D. Coal Co. @	Monroe Header	Frackville
26	H. M. Coal Co. @	Paul Hutira	Girardville
27	H. & M. Coal Co. @	Charles Mitchell	Ashland, R.D.1
20	H. & O. Coal Co. @	Leonard Hornberger	Pottsville, R.D.2
21	H. & P. Coal Co. DM	John Hudock	Hegins
27	H. R. K. Coal Co. DM	Barney Marshall	Pottsville, R.D.2
21	H. & S. Coal Co. @	Stephen Samilo	Kulpmont
23-29	H. & S. Coal Co. S bk	Henry Lozarski	

District	Operator	General Manager	Address
27	H. & S. Coal Co. @	Daniel Herb	Hegins
29	H. & S. Coal Co. @	Theodore Horoshak	Shamokin
30	H. S. S. Coal Co. @	Harold Schreffler	Lykens
20	H. & W. Coal Co. @	Charles Nutnick	Centralia
24-28	H. & W. Coal Co. DM	William E. Heitzman	Shamokin
27	Haas Coal Co. @	Lester Haas	Pitman
18	Hahn Coal Co. @	William Hahn	Brockton
19	Halaburda Bros. Coal Co. @	Joseph Halaburda	Frackville
21	Hale Land Co., Inc. DM	Milton Hale	St. Clair
1	Halsey Contracting Co., Inc. S	Vincent Halsey	Carbondale
19	Halupa Partnership @	Frank Halupa	Frackville
18	Hard Luck Coal Co. @	M. J. Butel	Brockton
19	hardship Coal Co. @	Anthony Gregitis	New Philadelphia
27	Hardway Coal Co. @	Lamar Wagner	Hegins, R.D.2
15	Harjay & Co., Joseph @	Joseph Harjay	Shenandoah
16	Harman Coal Co. DM	Clair Harman	Valley View
27	Harmon Coal Co. DM	Auselio Cano	Minersville
28	Harry's Coal Co. @	Harry Preston	Atlas
15	Harwood Mining Corp. @	Earl Cawley	Harwood Mines
30	Hatter Bros. Coal Co. @	Charles Hatter	Gratz
16	Hatter Coal Co. @	Charles Hatter	Gratz
27	Hatter Coal Co. DM	Ernest Hatter	Hegins
21	Hauptly, J. & Hoke C. S	Joseph A. Hauptly	Pottsville
25	Hawk Coal Co. @	Eugene Hawk	Pine Grove
21	Heckscherville Mining Co. @	Anthony Russian	Minersville
21-25-27	Hegins Mining Co. @ BP DM	William Carl	Hegins
15	Heleck & Co. @	Joseph Heleck	Spanondville
24	Henly Coal Co. @	Richard Lytle	Shamokin, R.D.4
23	Henninger Coal Co. @	Orville Henninger	Shamokin
16	Herb Coal Co. DM	Mason Herb	Valley View
30	Herb Coal Co. @	Frank Herb	Berryburg
25	Herb & Reed Coal Co. DM	Harry Reed	Tremont
30	Herring Bros. Coal Co. DM	Lester L. Herring	Pine Grove, R.D.3
17	Hickory Coal Co. @	Blair Faust	Shamokin
25	Hickory Contracting Co. S	Wayne Troxell	Good Spring
16	High Test Coal Co. DM	Kenneth Curran	Minersville
16	Hikes Coal Co. @	Clarence Umbenhauer	Pine Grove
18	Hillside Coal Co. BP	Theodore Norvidas	Tamaqua
29	Hillside Coal Co. @	Stanley Rozinski	Shamokin
27	Hill Vue Coal Co. BP	Stanley Pulaski	Ashland, R.D.1
16	Hoffman Coal Co. @	Roy Hoffman	Klingerstown
17	Hollow Coal Co. @	Thomas P. Williams	Shamokin
15	Holsopple, Achey & Hovitsky @	Donald Holsopple	Schuylkill Haven
15	Honeybrook Mines, Inc. bk S B DM	George Seiler	Audenried
24	Hoover Mining Co. BP	George W. Hoover	Sunbury
27	Hoover & Reed Coal Co. DM	Allen Reed	Cressona
17	Hope Coal Co. @	James R. Williams	Shamokin
19	Horvath Partnership @	William Horvath	Girardville
29	Howells & Olaf S	Thomas Howells	Kulperton
21	Hubler Coal Co. @	Luther Hubler	Pottsville, R.D.1
1-11	Hudson Coal Co. B S BP bk	Ivor L. Williams	Ashley
15	Huss, George bk	George Huss	Ringtown
25	Huth Coal Co. @	Pete Huth Zerbe	Zerbe
21	Hutsko Coal Co. @	John Hutsko	Pottsville, R.D.1
19	I. D. M. Reality Co. BP bk	Milot J. Butts	Pittston
17	Indian Chair Coal Co. @	Arthur H. Brown	Trevorton
11-25	Indian Head Coal Co. BP B S bk	Frank Moran	West Pittston
18	Integrity Coal Co., Inc. W bk	R. W. Steindel	Tuscarora
24	J-A-N Coal Co. @	Russell Albright	Shamokin
23	J. B. Coal Co. @	Francis Kocur	Shamokin
16	J. & C. Coal Co. DM	Joseph Walacavage	Minersville
20	J. & C. Coal Co. @	James Rovito	Kulpmont
19	J. D. S. Coal Co. DM	Lester Starr	Middleport
27	J. E. B. Coal Co. @	George Boychock	Gilberton
24	J. & J. Coal Co. @	Joseph Toucheloskie	Shamokin
29	J. & L. Coal Co. @	John Lauda	Keiser
16	J. & S. Coal Co. DM	Earl Young	Donaldson
21	J. & T. Coal Co. @	John Kukta	Minersville
26	Jagamo Corp. bk	Kenneth Gauntlett	Tuscarora
26	Jason Coal Co. DM	John F. Dempsey	Shenandoah
15-20-22	Jeddo Highland Coal Co. B bk S	Wilmot C. Jones	Jeddo
25	Jewell Ridge Coal Co. DM	Andrew Drebikko	Tremont
29	Joe Coal Co. @	Joseph Dombroski	Shamokin

District	Operator	General Manager	Address
26	Jones Coal Co. DM	John E. Jones	Mahanoy City
21	Junior Coal Co. @	John McCullough	St. Clair
23	Juscavage Bros. @	Edward Juscavage	Kulpmont
29	K. & B. Coal Co. @	Enoch Karlovich	Mount Carmel
30	K. & B. Coal Co. @	Daniel Bloch	Valley View
30	K. & C. Coal Co. DM	Lewis Carl	Wiconisco
24	K. & D. Coal Co. BP	John Deitrich	Shamokin
24	K.-D-H Coal Co. @	Frank Delorso	Shamokin
30	K. D. T. Coal Co. DM	Edwin S. Diamond	Gratz
30	K. E. W. Coal Co. DM	Kermitt Klinger	Spring Glen
20	K. & F. Coal Co. @	Edward Fodor	Kulpmont
21	K. & F. Coal Co. @	Walter Kopentz	Pottsville, R.D.1
29	K. & F. Coal Co. @	Wilbur Pegley	Shamokin
29	K. & G. Coal Co. @	Robert Kosar	Shamokin
19	K. H. & E. Coal Co. @	George Kripas	Port Carbon
20	K. & K. Coal Co. @	Paul Krise	Lavelle
20	K. & K. Coal Co. S	James Krall	Mount Carmel
23	K. & K. Coal Co. @	John Kautter	Shamokin
30	K. K. K. Coal Co. @	Bryant Klinger	Lykens, R.D.
20	K. L. Coal Co. @	Edward Lashendock	Keiser
19	K. M. Coal Co. @	Randolph Keller	Pottsville, R.D.2
20	K. M. Coal Co. @	John Matsko	Mount Carmel
21	K. M. Coal Co. @	Con Kulpavage	Pottsville, R.D.2
30	K. M. & Coal Co. @	Harold Kerstetter	Spring Glen
19	K. M. & F. Coal Service BP	Howard Fees	Middleport
30	K. M. S. Coal Co. @	Joseph Schwartz	Reinerton
16	K. N. Coal Co. @	Bruce Klouser	Valley View
23	K. & O. Coal Co. @	Edward Krack	Kulpmont
27	K. O. R. Coal Co. DM	Michael Osmola	Girardville
20	K. & P. Coal Co. @	John Palcovich	Centralia
21	K. & P. Coal Co. BP	Charles Kiertekler	Minersville
20	K. P. & M. Coal Co. @	John Mushalko	Centralia
11	K. P. T. Coal Co. DM	Joseph Kenzakoski	Wilkes-Barre
27	K. R. G. Coal Co. DM	Howard Renninger	Zerbe
27	K. & S. Coal Co. @	Clair Kimmel	Schuylkill Haven
29	K. & S. Coal Co. @	Enoch Karlovich	Mount Carmel
30	K. S. K. Coal Co. @	Homer Klinger	Valley View
28	K. W. & J. Coal Co. @	Charles Wehry	Shamokin
24	K-Y-W Coal Co. @	John Willis	Shamokin
29	K. & Z. Coal Co. @	Joseph Zack	Shamokin
29	Kabonick Coal Co. @	Robert Kabonick	Shamokin
24	Kabonick & Krollick @	Robert Kabonick	Shamokin
29	Kaleta Coal Co. @	James Kaleta	Shamokin
3-11	Kaminski Bros., Inc. S	John Kaminski	Avoca
18	Kanger Coal Co. @	A. Kanger	Middleport
21	Karbar Coal Co. @	Albert Karol	Pottsville, R.D.1
11-15	Kassa Coal Co. @ BP	Nicholas Kassa	Dupont
30	Keffers Coal Co. DM	Peter Polette	Tremont
16	Kehler Coal Co. DM	Cleaton Kehler	Hegins
30	Keim Coal Co. DM	Ralph Keim	Tower City, R.D.1
19	Keller & Connors Partnership @	Randolph Keller	Pottsville, R.D.2
30	Kelly Coal Co. R	Ben F. Kelly	Spring Glen
24	Kerstetter Co., Clair @	Clair Kerstetter	Gowen City
17-28	Kerstetter Coal Co. @	Lamar A. Kerstetter	Shamokin, R.D.2
24	Kerstetter-Weikel Partnership @	Ray Kerstetter	Shamokin, R.D.2
19	Keysock & Klinger Partnership @	Anthony Keysock	St. Clair
19	Keysock & Wolfe Partnership @	Joseph Keysock	Frackville
24	Kilo Bros. Coal Co. @	Edward Klebasko	Shamokin
20-28	Kingsfield Coal Co. @	Andrew Kershinsky	Mount Carmel
30	Kintzel Bros. Coal Co. @	Nathan Kentzel	Pine Grove, R.D.2
17	Klebasko Bros. Coal Co. @	Edward Klebasko	Shamokin
22	Klimas Coal Co. DM	Jerome Klimas	Girardville
27	Klinger Coal Co. @	Earl Klinger	Hegins, R.D.2
16	Klouser & Miller Coal Co. @	Marvin Klouser	Valley View
26	Kluchinsky & Co. @	Joseph Kluchinsky	Mahanoy City
17	Knob Coal Co. @	Alfred E. Lisinski	Shamokin, R.D.1
17	Knob Coal Co. @	George E. Feaster	Trevorton
25-27	Knorr Coal Co. @	Leroy Knorr	Hegins
25	Knorr & Geist Coal Co. @	Elwood Knorr	Valley View
25	Koch Co., Joseph BP	Joseph Koch	Ravine
16	Kocher Coal Co. BP	Leon Kocher	Valley View
25	Koons Co., Marcus @	Marcus Koons	Pine Grove
25	Koperna Co., Frank @	Frank Koperna	Schuylkill Haven

District	Operator	General Manager	Address
25	Koperna Coal Co. DM	John Koperna	Branchdale
29	Kopitsky Bros. Coal Co. @	Leo Kopitsky	Ranshaw
16	Koppenhaver Coal Co. DM	Howard Koppenhaver	Tremont
30	Koppenhaver Coal Co. DM	Howard Koppenhaver	Wiconisco
19	Kost Coal Co. @	Charles Kost	St. Clair
27	Koury Coal Co. W bk	Daniel Koury	Pottsville
20	Kovach Coal Co. @	Alex Kovach	Kulpmont
23	Koval Coal Co. @	Joseph Warwicki	Shamokin
21	Kowalchick, Michael BP	Michael Kowalchick	Minersville
20	Kramer Coal Co. @	Charles Kramer	Ashland
16	Krapf Coal Co. @	Charles Krapf	Lavelle
30	Kreiser, Harvey C. bk W	Harvey C. Kreiser	Anville
19	Krell & Herbert Co. S	Philip Krell	Tamaqua, R.D.3
18	Kristoff Coal Co. @	G. Kristoff	Mary-D
22	Krupilis Rudzinski @	Joseph Krupilis	Brandonville
30	Kulp Coal Co. @	Korris Kulp	Wiconisco
23	Kulpmont Coal Co. @	Michael Habowski	Natalie
1	Kuna Coal Co. S	Peter Paul Kuna	Carbondale
29	Kurtz Coal Co. @	Anthony Kurtz	Shamokin
16	L. & C. Coal Co. DM	Fred Lucas	Tremont
29	L. & D. Coal Co. @	John Lauda	Keiser
15	L. & D. Mining, Inc. @	Gene Schan	Hazleton
20	L. & E. Coal Co. @	Peter Elgin	Atlas
21	L. & G. Coal Co. @	Earl Greager	Shamokin
16	L. & H. Coal Co. DM	David Lehman	Tremont
25	L. & H. Coal Co. @	Howard Renninger	Pine Grove
24	L. & L. Coal Co. @	Michael Zyry	Shamokin
28	L. & L. Coal Co. @	John Lenig	Shamokin, R.D.1
17	L. & M. Coal Co. @	George E. Linig	Shamokin, R.D.1
22	L. & M. Coal Co. @	George Lokitis	Centralia
26	L. & M. Coal Co. @	Michael Lacinsky	Barnesville, R.D.
17	L. & N. Coal Co. @	Abraham L. Long	Trevorton
27	L. & N. Coal Co. @	John Neider	Joliet
16	L. O. B. Coal Co. @	Mark Osman	Valley View
17	L. & R. Coal Co. @	Albert Raczkowskie	Shamokin
30	L. & R. Coal Co. bk W	Paul Long, Jr.	Wiconisco
16	L. & S. Coal Co. DM	Earl Young	Donaldson
28	L. & S. Coal Co. @	Salvatore Steller	Shamokin
25	L. & W. Coal Co. @	Leo Yescavage	Minersville
20	L. & Z. Coal Co. @	Joseph Zukus	Mount Carmel
19	Labella Coal Co. @	Anthony Labella	Kaska
2	Lackawanne Cinder & Silt Co. bk	William Galpin	Scranton
20	Ladika Coal Co. @	George Ladika	Kulpmont
11	Laflin Heights Coal Co. DM bk	Michael Guillorn	Dupont
30	Lahr Coal Co. @	Marlin Lahr	Williamstown
18	Lansccal Coal Co., Inc. DM	S. Karabinos	Lansford
23	Lashdock & Kishela @	Edward Lashdock	Keiser
19	Last Coal Co. @	Harry Holley	Palo Alto
19	Last Chance Coal Co. DM	Charles Tomalavage, Sr.	Middleport
24	Last Chance Coal Co. @	Nathan Clark	Shamokin
19	Laurel Hill Coal Co. DM	Anthony Weisacosky	Pottsville
26	Lazo Coal Co. @	Stiney Lazaravage	Mahanoy City
15	Lee, Joseph DM	Joseph Lee	Hazleton
16	Legal Coal Co. BP DM	Henry Golden	Pottsville
11-15	Lehigh Valley Anthracite, Inc. B BP	Frank Moran	West Pittston
30	Lehman & Co., Mervin @	Mervin Lehman	Pine Grove, R.D.1
25	Lengel Co., Warren @	Warren Lengel	Pine Grove
21	Leonas Coal Co. @	Anthony Leonas	Minersville
2	Lil Coal Co. bk	Michael Salva	West Pittston
25	Lincoln Anthracite Co. B	Charles Kanbeck	Pine Grove
24	Linda Mining Co. @	Wilbert Elliot	Shamokin
15	Lion Coal Co. bk B	Eugene Gibbons	Hazleton
29	Little Coal Co. @	Edward Little	Kulpmont
21	Live Oak Coal Co. BP	Peter Layhock, Sr.	Pottsville, R.D.1
23	Locust Spring Coal Co. DM	Charles Greco	Mount Carmel
26	Locust Valley Coal Co. bk B	Herman Yudacufski	Mahanoy City
2	Lombardi Coal Co., Inc. DM S	Nuncio Lombardi	Moscis
30	Long Coal Co. @	Wilmer Long	Elizabethville
23	Lone Pine Coal Co. @	Jerome Zupchick	Shamokin
22	Lone Star Coal Co. DM	Kenneth Curran	Minersville
28	Lotus Coal Co. @	Thomas Anzulavich	Shamokin
24	Lower Region Colliery BP	Howard Tharp	Shamokin
21	Lowland Coal Co. W bk	William L. Hess	Schuylkill Haven
30	Lucas & Co., Earl @	Earl Lucas	Hegins, R.D.2

District	Operator	General Manager	Address
16	Lucas Co., Fred @	Fred Lucas	Tremont
30	Lucas Coal Co. @	Frank Lucas	Hegins
26	Lykcn's Coal Co. @	John Mack	Barnesville
16	M. A. C. C. Coal Co. DM	Albert Artz	Hegins
28	M. & B. Coal Co. @	Edward Bogner	Kulpmont
26	M. & B. Coal Co. @	George Brehony	Frackville
21	M. & C. Coal Co. @	Robert McGonigal	Branchdale
25	M. & D. Coal Co. @	John Malenich	Minersville
28	M. G. & S. Coal Co. @	Joseph Murin	Mount Carmel
19	M. & H. Coal Co. @	John Morgan	Pottsville
30	M. & H. Coal Co. @	Alfred Moyer	Tower City
24	M. & J. Co. @	Benjamin Jeremiah	Shamokin
18	M. & J. Coal Co. DM	Michael Bubel	Brockton
11	M. & L. Coal Co. DM	Peter Labonski	Wilkes-Barre
17	M. & L. Coal Co. @	William F. Lytle	Shamokin
17	M. & M. Coal Co. @	William Mace	Shamokin, R.D.2
17	M. & M. Coal Co. @	William Moore	Mount Carmel
20	M. & M. Coal Co. @	Stephen Megosh	Mount Carmel
28	M. & M. Coal Co. @	Anthony Malinoski	Kulpmont
20-25	M. & N. Coal Co. DM @	Walter Muiiry	Pottsville
21	M. & N. Coal Co. DM	Michael Olenick	Port Carbon
21	M. & S. Coal Co. BP	Joseph Markowski	Port Carbon
19	M. T. Partnership @	Michael Dudash	Ashland
22	M. W. Coal Co. @	Fred Woodward	Shamokin
17	Mack Coal Co. @	Russell Kace	Trevorton
17	Machesis & Crissinger Coal Co. @	Adam M. Machesic	Kulpmont
23	Mack Coal Co. @	Earl McFall	Jollitt
25	Madenford Coal Co. @	George Madenford	Avoca
2	Majer Coal Co. @	Adam Major	Shenandoah
27	Makarczy Bros. Partnership @	Joseph Makarczyk	Lavelle
27	Malho Coal Co. BP S DM	Anthony Malho	Minersville
25	Malusky Coal Co. @	Malusky Coal Co.	Lost Creek
22-27	Mazroth Coal Co. B S	Frank Moran	Shamokin
29	Maple Coal Co. @	Thomas Kulbacki	Shamokin
17	Maple Leaf Coal Co. @	James M. Faust	Seltzer
21	Maple Spring Coal Co. bl BP	Joseph Penna	Reinerton
30	Markhuk Coal Co. @	Steve Marchuk	Shenandoah
15	Marko Coal Co. @	John Marko	Frackville
21	Marko Land Co. S	Paul Kerrigan	Zion Grove
18	Marksky & Ponzurick Coal Co. @	J. Marksksy	Maysville
23	Karion Coal Co. @	Ben Marionovich	Shamokin
17	Karquette Coal Co. @	Darwin H. Marquette	Exeter
11	Masci Coal Co. DM	Benjamin Masci	Kingaley
1	Masters Contracting Corp. S	Jack Masters	Pottsville, R.D.1
27	Mataka Coal Co. @	John Mataka	Scranton
1	Matisko Coal Co. bk	John Matisko	Barnesville, R.D.
26	Matrishin & Co. @	John Matrishin	Shamokin
28	Mattis Coal Co. @	Frank Mattis	Pottsville, R.D.1
21	Matz Coal Co. @	Andrew Matz	Hegins
16	Maurer Coal Co., Clark DM	Clark Maurer	Spring Glen
30	Maurer Coal Co., Wilmer DM	Wilmer Maurer	Shamokin
28	Maurer Mine, Paul @	Paul Maurer	Helfenstein
28	Maurer Mine, Raymond @	Raymond Maurer	Loyalton
30	Maurer Coal Co. @	Albert Maurer	Shamokin, R.D.2
23	Mayton Bros. Coal Co. 6	Joseph Mayton	Tamaqua, R.D.2
26	Mazaike Bros. Coal Co. BP	Edward Mazaike	Peckville
2	Mazzone Coal Co. DM	Delmo Mazzone	Shamokin
29	McBab Coal Co. @	William Kloks	Girardville
27	McDonald, Joseph S	Joseph McDonald	Girardville
22	McDonald & Farnell @	Luke McDonald	Kulpmont
20	McGinley Coal Co. @	Edward McGinley	Beaver Meadow
18	Meadow Coal & Excavating Co. S	Andrew Brazzo	Lykens
30	Meadowbrook Coal Co. BP	Leslie Kimmel	Mt. Carmel
20	Megosh Coal Co. @	Stephen Megosh	Keiser
22	Mekosh Coal Co. @	Nicholas Mekosh	Tower City
27	Mercy Coal Co. DM	Marvin Bender	Ashland, R.D.1
27	Kervine Coal Co. @	Palmer Mervine	Lavelle
27	Metzinger Coal Co. @	Donald Metzinger	Ashland
27	Kickey Coal Co. @	Joseph Kickeyavage	Jessup
1	Micklick Coal Co. @	Stephcn Micklick	Old Forge
2	Mid-Valley Coal Co. DM	Anthony Matrone	Dickson City
2	Mid-Valley Products Co. DM	Paul Baldini	Atlas
20	Mike's Coal Co. @	Michael Koropchak	

District	Operator	General Manager	Address
20	Miles Coal Co. DM	Walter Milewski	Mount Carmel
23	Millard Coal Co. S	Millard Lony	Kulpmont
15	Miller & Co. @	Peter Miller	Nuremberg
20	Miller Coal Co. @	John Miller	Mount Carmel
27	Miller Coal Co. DM	Clifford Ossman	Hegins
29	Miller Coal Co. @	John Miller	Shamokin
30	Miller-Miller Coal Co. @	Ralph Miller	Pine Grove
19	Minafick Coal Co. @	Thomas Minarick	Cumbola
17	Minel Inc. @ S	James Ney	Cumbola
15	Minerals Recovery Corp. B bk	Stanley Koreniewicz	Trevorton
21	Minersville Coal Co., Inc. BP	Eugene Beaver	Hazleton
16	Minnich Coal Co. DM	Lee Strenkoski	Minersville
25	Minnichbach Coal Co. @	Chester Minnich	Valley View
20	Mirolli Coal Co. @	Walter Minnichbach	Zerbe
21	Mitchell Coal Co. @	Frank Mirolli	Keiser
26	Mockinick, Metro @	Andrew Mitchell	Pottsville, R.D.2
2-3	Moffat Coal Co., Inc. DM S B	Metro Mockinick	Delano
3	Monroe Co., Inc. bk W	Earl W. Lamb	Scranton
21	Montrose Coal Co. @ DM	David Bressler	Scranton
17-28	Moore Coal Co. @	William Brennan	Minersville
20	Morack Coal Co. @	Claude A. Moore	Shamokin, R.D.2
26	Moran & Co. @	John Morack	Mount Carmel
29	Morata Coal Co. @	David Moran	Barnesville, R.D.
23	Morata Co. @	Lawrence Morata	Keiser
26	Morea Mining Co., Inc. S	Lawrence Morata	Keiser
30	Morgan Coal Co. @	Albert Peca	Mahanoy City
16	Morgan & Warner Coal Co. DM	Ira Morgan	Valley View
30	Morgan & Sittlinger Coal Co. @	Ario Morgan	Hegins
29	Motto Bros. Coal Co. @	Herman Morgan	Williamstown
29	Motto Coal Co. @	Frank J. Motto	Excelsior
18	Mountain Side Coal Co. BP	Frank J. Motto	Excelsior
2	Mountain Slope Coal Co. DM	John Keller	Tamaqua, R.D.3
7	Mountain Slope Coal Co. DM	Luke Keating	Old Forge
25	Mountain Top Coal Co. @	Victor Pagnotti	Old Forge
29	Mountain Top Coal Co. @	William Vesay	Minersville
20	Murin Coal Co. @	Frank Kuchinski	Shamokin
18	Murphy & Hnatirysn Coal Co. @	Joseph Murin	Mount Carmel
18	Murphy & Stefanick Coal Co. @	J. H. Murphy	Kiddlesport
21	Mussolini Bros. Stripping Co., Inc. S	Pasco Mussolini	Hazleton
19	My Own Coal Co. @	Frances Staton	Cumbola
29	N. G. & Coal Co. @	Victor Kestico	Kulpmont
17	N. & L. Coal Co. @	Anthony J. Novrocki	Paxinos, R.D.1
19	N. P. & S. Partnership @	George Ney	New Philadelphia
2-11	N. & R. Coal Co. bk	Nicholas Savoy	Wyoming
21-25	Nagle, Inc., W. Joseph S	W. Joseph Nagle	Cressona
29	Nahodil Coal Co. @	Russell Nahodil	Shamokin
17	Natural Coal Co. @	John J. Bogetti	Shamokin
27	Neumeister Coal Co. @	Irvin Neumeister	Ashland
18	Neumeister Coal Co. DM	Warren Neumeister	Ashland
19	Newkirk Mining Co. B DM	Charlotte C. Hill	Tamaqua
16	Newphil Coal Co. DM	Albert Klimas	New Philadelphia
19	Ney Coal Co. DM	Mason Herb	Valley View
19	Ney Coal Co. @	Earl Ney	Pottsville, R.D.3
19	Ney Partnership @	Oscar Ney	Cumbola
16	Ney & Lehman Coal Co. DM	Marlin Lehman	Tremont
18	Niadna Coal Co., Frank @	Frank Niadna	Brockton
2	North Coal Co. BP	Ivor L. Williams	Ashley
24	North Line Coal Co. S	C. Wayne Troxell	Shanckin
17	North Side Coal Co. @	John Fedako	Ashland, R.D.1
1	North West Coal Co. S	Albert Mascelli	Carbondale
15	Novak, William @	William Novak	Shepton
18	Novak Coal Co. @	E. Novak	Tamaqua
19	Moyolar & Price Partnership @	Edward Noyolas	Frackville
30	Number Four Coal Co. DM	Frank Lucas	Sacramento
11	Number Fourteen Coal Co. bk	Philip Gelso	Pittston
11	Number One Contracting Co. B DM S	Frank Moran	West Pittston
28	Number One Vein Coal Co. @	Raymond Keefer	Shamokin, R.D.2
22	O. H. & K. Coal Co. @	Charles Oshman	Ashland
20	O. K. & O. Coal Co. @	Albert Oshinski	Kulpmont
20	O. & M. Coal Co. @	Vincent O'Neill	Ashland
23	O. & M. Coal Co. @	Frank Orloski	Kulpmont
29	O. M. O. Partnership @	Peter Olesnevich	Ranshaw
29	O. & Z. Coal Co. @	Peter Olesnevich	Pine Grove
25	Oakwood Coal Co. BP	David Deaven	Kulpmont
20	Obrick & Krack Coal Co. @	Edward Krack	Kulpmont

District	Operator	General Manager	Address
25	O'Brien Co., Pat BP	Harry O'Brien	Pine Grove
23-29	Olbrish Bros. Coal Co. @	Edward Olbrish	Kulpmont
2	Old Forge Coal Co., Inc. BP	Louis A. Bernardi	Old Forge
21	Old Mill Coal Yard BP	Raymond Stein	Llewellyn
21	Olenick Bros. Coal Co. BP	John Olenick	Pottsville, R.D.1
21	Olenick Coal Co. @	John Olenick	Pottsville, R.D.1
19	Olesky & Co. @	Vincent Olesky	New Philadelphia
29	Olesnivich Coal Co. @	Peter Olesnevich	Ranshaw
11	Oliver Coal Co. DM	Bennie Oliver	Pittston
26	Olman & Co. @	Vincent Olman	McAdoo
2	Olyphant Colliery Co. bk	Ivor L. Williams	Ashley
30	Croft Coal Co. @	Thomas E. Daubert	Pine Grove, R.D.1
21	Otto & Son Coal Co. DM	Norman Otto	Hegins
24	Outcrop Coal Co. @	James Faust	Shamokin
18	Cr'l Coal Co. @	Clem Jones	Allentown
19	Owl Coal Co. @	Walter Goven	Pottsville
29	P. & B. Coal Co. @	John Baronski	Excelsior
20	P. B. & M. Coal Co. @	Thomas Palembas	Mount Carmel
30	P. & C. Coal Co. @	Andrew Persepomka, Sr.	Williamstown
20	P. & E. Coal Co. @	Edward Yodis	Mount Carmel
19	P. F. & L. Partnership @	William Furnell	Pottsville, R.D.3
21	P. G. & B. Coal Co. @	Joseph Padelsky	Pottsville, R.D.2
19	P. H. & N. Partnership @	Joseph Pitel	Pottsville
20	P. H. & Y. Coal Co. @	Mathew Popkoski	Mount Carmel
19	P. & J. Coal Co. @	John Stasiowski	Ashland
20	P. & M. Coal Co. bk	Anthony Favis	Atlas
23	P. & R. Coal Co. @	Paul Pocheikla	Atlas
2	P. R. & S. Coal Co., Inc. S	Edward Schwartz	Dalton
19	P. S. & S. Partnership @	Leo Shapell	Barnesville
29	P. S. V. Coal Co. @	Joseph R. Varano	Shamokin
19	P. U. & K. Coal Co. @	Daniel Peron	St. Clair
21	P. & V. Coal Co. @	Paul Platko	Pottsville, R.D.2
24	P. W. M. O. Partnership @	George Pomponio	Shamokin
30	P. & W. V. Coal Co. R	George Fronk	Lykens
22	Pahira Coal Co. @	John Pahira	Ashland
16	Parkway Anthracite Co. DM	Chester G. Davis	Pottsville
19	Partnership Coal @	Ralph Ganunis	Mahanoy Plane
19	Partnership Coal Co. @	Joseph Lorant	Laporte
11	Pastusick Bros. B DM	Joseph Pastusic	Shamokin
17	Patrick Coal Co. @	Joseph J. Patrick	Ranshaw
29	Patty Coal Co. @	Patrick O'Toole	Mary-D
18	Peach Mountain Coal Co. @	B. Kupetz	Mahanoy City
26	Peca Coal Co., Inc. B DM	Albert Peca	Pottsville
18	Peck Coal Co. @	J. Peck	Kulpmont
23	Pedro Coal Co. @	George Nemeth	Good Spring
19	Pellish Partnership @	Anthony Pellish	Archbald
25	Penag Coal Co., Inc. DM B	Edward V. Twiggar	Hazleton
1	Penbrook Coal Co. B	Richard Fabbri	Elysburg
15-19	Perchak Trucking Co. bk	Steve Perchak	Kulpmont
23	Perles, John @	John Perles	Shamokin
29	Petrovich Coal Co. @	Stanley Petrovich	Pottsville, R.D.1
17	Phillips Coal Co. DM	Lewis H. Phillips	Tower City
21	Phoenix Coal Co. @	James Slane	Archbald
30	Phoenix Contracting Co. bk W	William L. Jones	Pottsville, R.D.2
1	Pientack Coal Co. DM	Henry Pientack	Spring Glen
21	Pine Coal Co. @	George Panasik	Brockton
30	Pine Creek Coal Co. BP	Harrison Klinger	Ashland
18	Pinedale Coal Co. @	M. Amos	Shamokin, R.D.1
22-27	Pine Ridge Mining Co. BP S bk	Paul Kerrigan	Kulpmont
17	Pine Tree Coal Co. @	Blair E. Deibler	Shenandoah
20	Pisanko Coal Co. @	Adam Pisanko	Atlas
20	Pitok Coal Co. @	Frank Pitok	Mahanoy City
20	Pizzoli Bros. Coal Co. DM	Charles Pizzoli	McAdoo
26	Pleasant Hill Coal Co. DM	John Gurski	Shamokin
15	Pohida & Wessner @	Gerald Pohida	Hunlock Creek
29	Polinka Coal Co. @	Theodore Horoshak	Jessup
15	Pollock Trucking Co. bk	K. L. Pollock	Tamaqua, R.D.1
1	Pompey Coal Co. @	Charles Pompey	Keiser
18	Popnick & Wassil Coal Co. @	J. Popnick	Pittston
20	Poponiak Bros. Coal Co. @	John Poponiak	Shamokin
11	Popple, Inc., R. A. bk	Raymond Popple	Pine Grove
17	Popular Coal Co. @	Paul L. Nye	
25	Potts Co., Allen BP	Allen Potts	

District	Operator	General Manager	Address
26	Prim Slope DM	Manuel DelPozo	Frackville
18	Primrose Coal Co. @	J. Zelonis	Middleport
19	Primrose Coal Co. @	Joseph Biscoe	Gilberton
19	Prospect Coal Co. @	Edward Kozlusky	Port Carbon
7	Pyramid Coal Co. B bk	Frank Moran	West Pittston
29	Quickway Coal Co. bk	Raymond Moncavage	Mount Carmel
17-24	R. & F. Coal Co. @	Wilbur H. Pegley	Shamokin
16	R. & J. Coal Co. DM	Mark Minnich	Pine Grove
16	R. & K. Coal Co. DM	George Ridgosh	Wiccnisco
20	R. K. & K. Coal Co. @	John Racilla	Ranshaw
19	R. & L. Partnership @	Wilbert Reber	Schuylkill Haven
24	R. & M. Mining Co. @	Emilio Rosini	Shamokin, R.D.1
30	R. & M. Coal Co. @	Arthur Rowe	Loyalton
22	R. & O. Coal Co. @	Walter Roland	Centralia
24	R. & P. Coal Co. @	John Yawinski	Shamokin
18	R. & R. Coal Co. W bk	Albert Roinick	Lehighton, R.D.2
30	R. & S. Coal Co. DM	Frank Sinko	Spring Glen
17	R. & T. Coal Co. @	John B. Reed	Shamokin
15	Racho, George bk	George Racno	Hazleton
17	Raczkowskie & Sons DM	Albert E. Raczkowskie	Shamokin
24	Radziewicz Bros. Coal Co. @	Frank Radziewicz	Shamokin
15	Rainbow Coal Co. @	Anthony Paskey	Shenandoah
18	Rainbow Coal Co. @	J. Blashock	Barnesville, R.D.1
20	Raker Coal Co. DM	George Raker, Jr.	Aristes
23	Rampf Bros. Coal Co. @	Melvin Rampf	Kulpmont
21	Raudenbush & Gustwa Partnership @	William Raudenbush	Llewellyn
25	Ray Coal Co. @	Ray Edwards	Pottsville
17-19-21			
23-25-27	Reading Anthracite Co. BP B S bk	John W. Rich	Pottsville
23	Reed & Sons @	Joseph Redd	Kulpmont
17	Reed Bros. @	Charles A. Reed	Shamokin
17	Reed Mining Co. @	Charles A. Reed	Shamokin
17	Reed Mining Co. DM	John W. Reed	Shamokin
30	Reed & Reed Coal Co. DM	Harry H. Reed	Gratz
30	Reedy Partnership Coal Co. bk W	Jacob L. Reedy	Williamstown
30	Reho, Fisher & Murray Coal Co. @	Joseph Reho	Williamstown
27	Reichwein & Beury Coal Co. BP	Harold Reichwein	Ashland, R.D.1
24	Reidinger Coal Service BP bk	Victor Reidinger	Paxinos
16-25	Reiner Coal Co. @	Raymond Reiner	Muir
30	Reiner & Co., Raymond @	Raymond Reiner	Branchdale
25	Rekla Coal Co. DM	Guy Recla	Zerbe
25	Renninger Coal Co. DM	Ted Renninger	Pottsville
19	Renninger Partnership @	Charles Renninger	Zerbe
16	Renninger & Thompson Co. @	Theodore Renninger	Zerbe
24	Reserve Carbon Corp. bk	C. E. Brown	Pottsville
27-30	Rickert Bros. Coal Co. DM @	Thomas Rickert	Tower City
26	Ridge Mining Co. DM	Henry Shustack	Shenandoah
19	Ri Ki Corp. bk	Richard Ryon	Pottsville
2	Riverdals Industries Co., Inc. DM	Joseph Warness	Moosic
21	Rock & Buehl Coal Co. @	John Rock	Locust Dale
22	Rockwell & Weir @	William Weir	Ashland
17	Rocky Mountain Coal Co. @	Melvin T. Kerstetter	Shamokin, R.D.2
29	Rocky Side Coal Co. @	Darwin Maurer	Shamokin
15	Rodino Trucking Co., Peter S	Peter Rodino	Hazleton
22	Rodrigues, John @	Joe Ferlacia	Frackville
19	Roman Partnership Coal Co. @	John Romanosky	New Philadelphia
19	Romanosky Coal Co. @	John Romanosky	New Philadelphia
19	Romanosky Partnership @	John Romanosky	New Philadelphia
24	Rosini Coal Co. BP	Eveldo Rosini	Shamokin
20	Ross Coal Co. @	John Rosinski	Mount Carmel
30	Rowe Coal Co. @	Arthur Rowe	Loyalton
22	Royal Coal Co. @	James Garcia	Girardville
29	Royal Coal Co. @	Chester Bixler	Shamokin
26	Royal Anthracite Coal Co. BP	R. C. Tyler	Tamaqua
30	Running Bear Coal Co. @	Floyd Zimmerman	Reinerton
11	Rushbrook Coal Co. S	Galliciano Piccotti	Pittston
21	Russian Coal Co. @	Frank Russian	Minersville
19	Russian Trucking Co. bk	Anthony Russian	Minersville
15	Rymarowicz, John @	John Rymarowicz	McAdoo
22	S. A. S. Coal Co. @	Joseph Almeda	Atlas
19	S. & D. Partnership @	Peter Smertsky	Frackville
25	S. F. & F. Coal Co. @	John Federovich	Seltzer City
18	S. F. & M. Coal Co. @	G. Shapella	Middleport

District	Operator	General Manager	Address
19	S. & G. Coal Co. @	Paul Gretsky	Heckscherville
29	S. & H. Coal Co. @	Joel Strausser	Shamokin
26	S. & J. Coal Co. DM	Stephen Zakrewsky	Barnesville, R.D.
21	S. J. & N. Coal Co. @	John Kline	Elysburg
22	S. & K. Coal Co. @	Mike Smolock	Centralia
20	S. K. & S. Coal Co. @	Leonard Shultz	Locust Gap
2	S. & M. Coal Co. @	Anthony Sardo	Throop
20	S. & M. Coal Co. @	Edward McGinley	Kulpmont
22	S. & M. Coal Co. @	James Burke	Centralia
27	S. & M. Coal Co. @	John Simodejka	Minersville
28	S. & M. Coal Co. @	Matthew Strike	Mount Carmel
18	S. & N. Coal Co. @	E. Nowacki	Tamaqua, R.D.1
29	S. & N. Coal Co. @	Robert Stank	Shamokin
18	S. P. & F. Coal Co. @	S. Smolar	Tamaqua
18	S. P. & M. Coal Co. @	M. Smolar	Tamaqua
16	S. & S. Coal Co. DM	Lloyd Stutzman	Valley View
18	S. & S. Coal Co. @	A. Stefanick	Newkirk, R.D.1
19	S. & S. Coal Co. @	Frank Szalaker	St. Clair
26	S. & S. Coal Co. @	Walter Sherkniss	Mahanoy City
30	S. & S. Coal Co. @	Herold Schreffler	Lykens
19	S. & S. Partnership @	Frank Szalaker	St. Clair
2	S. S. & C. Coal Co. @	Anthony Genci	Jessup
25	S. S. & M. Coal Co. @	James Schoffstall	Tremont
25	S. V. S. Coal Co. @	Dan Dauchess	Minersville
16	S. & W. Coal Co. DM	C. Leonard Williamson	Valley View
30	S. & W. Coal Co. @	Clarence Smeltz	Dornsife, R.D.
26	Sabol & Co. @	Joseph Sabol	Mahanoy City
29	Sagon Coal Co. DM	Joseph H. Brosius	Sagon
19	Salem Creek Coal Corp. BP	Louis J. Pagnotti, Jr.	West Pittston
2	Salem-Harner Coal Co. @	William Salem	Tremont
30	Salic Coal Co. @	Harry Salic	Williamstown
30	Salic & Co., Daniel @	Daniel Salic	Williamstown
21	Samilo Partnership @	John Samilo	Pottsville, R.D.2
22	Sanchez Construction Co. S	Alanzo Sanchez	Minersville
23	Sanders Coal Co. @	Walter Anascavage	Shamokin
17	Sandy Coal Co. @	George T. Sharp	Shamokin
15	Sandy Run Miners & Producers, Inc. B S	Thomas George	Freeland
20	Savitski Bros. Coal Sales BP	Joseph Savitski	Atlas
22	Sawekis Coal Co. @	Joseph Sawekis	Kulpmont
20	Sayre Contracting Co. bk	John J. Cullen	Mount Carmel
21	Scheib Coal Co. @	Michael Scheib	Tremont
22	Schlader & Reichwein @	Leon Reichwein	Lavelle
25	Schnect Co., Thomas BP	Thomas Schnect	Suedburg
18	Schock, Norman C. S	Norman C. Schock	Tuscarora
21	Schuylkill Contracting Co. S	James V. Ryan	Pottsville, R.D.2
27	Schwartzlander Coal Co. DM	Oscar Richter	Tremont
19	Scutta Coal Co., Inc. BP bk	Robert Scutta	Tamaqua
20	Sejuit & Wiesenskie Coal Co. @	John Sejuit	Kulpmont
29	Selock Coal Co. @	Peter Selock	Kulpmont
26	Seltzer Coal Co. BP	Frank Seltzer	Frackville
26	Semanco & Chuppasko @	John Semanco	Gilberton
19	Setlock Partnership Coal Co. @	George Undo	Seltzer
16	Shade Coal Co. DM	John Stahl	Valley View
15	Shadel Coal Co., Harry @	Harry Shadel	Frackville
25	Shally Construction Co. S	Steve Shallamanda	Branchdale
25	Sharp Mountain Coal Co. @	Tony Donofrio	Pine Grove
15	Shenandoah Coal Co. @	Leo Slominsky	Shenandoah
15	Shepton Coal Co. @	Martin J. Todd	Girardville
30	Shomper Coal Co. BP @	Russell H. Shomper	Williamstown
30	Short Mountain Slope Coal Co. @	Mark Reed	Spring Glen
19	Silver Creek Coal Co., Inc. BP	Michael J. Herbert	Minersville
21	Siminitus Coal Co. @	Edward Siminitus	Pottsville, R.D.1
26	Simoes & Co. DM	Manuel Simoes	Mahanoy City
28	Sioux Development @	Richard Francola	Elysburg, R.D.1
21	Ski Coal Co. @	Charles Marquette	Ashland
26	Skidmore Coal Co. DM	Peter Klem	Gilberton
18	Skripnek Coal Co. @	D. Skripnek	New Ringgold
19	Skrabak & Gall Partnership @	Adam Skrabak	Pottsville, R.D.3
28	Sky Coal Co. @	Kosty Sujewski	Cataswissa
26	Skytop Coal Co. BP	Dan Pereira	Mahanoy City
29	Slab Coal Co. @	John Willis	Shamokin
1	Slenska Coal Co. S	Michael Slenska	Mayfield
29	Small Three Coal Co. @	Peter Olesnevich	Ranshaw
22	Smarkanio & Bronco @	Mike Smarkanie	Frackville

District	Operator	General Manager	Address
15	Smith, John	John Smith	Rington
26	Smith Bros. Coal Co. @	Herbert Smith	Delano
22	Smith Coal Co. @	Clarence Smith	Aristes
27	Smith Coal Co. DM	Louis Smith	Locust Gap
20	Sonia Coal Co. @	Walter Chapman	Centralia
29	Soroka & Merena Coal Co. @	John Soroka	Excelsior
27	Sorokach Coal Co. @	Michael Sorokach	Minersville
26	Soucheck & Co. @	Frank Soucheck, Jr.	Mahanoy City
28	South Mountain Coal Co. @	Ira Wilkinson, Sr.	Trevorton
18	South Tamauqua Coal Pockets, Inc. BP	D. H. Warne	Tamaqua, R.D.3
25	Spancake & Herring Co. DM	Milton Spancake	Pine Grove
21	Spirko Partnership @	Max Spirko	Pottsville, R.D.1
17	Split Coal Co. @	Paul L. Nye	Shamokin
24	Split Vein Coal Co. BP	Elwood Stank	Paxinos, R.D.1
18	Spring Creek Coal Co. BP	L. Bechtel	Tamaqua, R.D.3
30	Spring Glen Coal Co. DM	A. R. Williamson	Gratz
17	Springfield Coal Co. @ DM	Stanley Koreniewicz	Trevorton
29	Stag Coal Co. @	Alfred Nezereski	Shamokin
16	Stahl & Shadé Coal Co. DM	John Stahl	Valley View
17-24	Stan Coal Co. @	Frank Stankiewicz	Shamokin
30	Stanmar Mining Co. @	Stanley Lucas	Hegins, R.D.2
28	Star Coal Co. @	Bernard Stellar	Kulpmont
30	Starnosky, Co., Eugene @	Eugene Starnosky	Williamstown
27	Staunton Coal Co. @	Frank Staunton	Girardville
24	Steam Coals, Inc. BP	C. Wayne Troxell	Shamokin
25	Stine Coal Co. @	Philip Stine	Zerbe
15	Stockton Mining Co. DM	Joseph McCluskey	Hazleton
30	Stonehill Coal Co. BP	Lester Hassinger	Loyalton
30	Stony Mountain Coal Co. @	William J. Carl	Tower City
27	Stoppi Coal Co. @	Michael Stoppi	Frickville
30	Straub & Kulp Coal Co. DM	Paul Kulp	Pine Grove, R.D.3
30	Strohecker Coal Co. BP	Joel Strohecker	Elizabethville, R.D.1
21	Studlack Partnership @	George Studlack	Minersville
25-30	Stump Co., F. B. @	F. B. Stump	Pine Grove
15	Styka Bros. @	Edward Styka	Park Crest
26	Styka Coal Co. @	Edward Styka	Barnesville
11-15	Sullivan Trail Coal Co. S	Frank Moran	West Pittston
24-28	Sunshine Coal Co. BP	Ralph H. Steinhart	Trevorton
16	Superior Coal Co. BP	Roy Elyer	Valley View
29	Susie Coal Co. @	Anthony Varano	Shamokin
7-14			
20-24	Susquehanna Coal Co. DM S B	C. A. Gibbons	Nanticoke
17	Swamp Coal Co. @	Joseph G. Marin	Mount Carmel
25	Swatra Coal Co. B	William Fryce Parker, Sr.	Zerbe
24	Swift Coal Sales BP	Adam Swift	Shamokin
15	Swirl, J. V. @	William Swirl	Tamaqua
19	Swirl Bros. Co. @	Ray Swirl	Tamaqua, R.D.2
19	Swirl Bros. Coal Co. @	Raymond Swirl	Tamaqua, R.D.2
19	Swirl Coal Co. @	Joseph Swirl	New Philadelphia
19	Szalku Coal Co. @	Alec Szalku	St. Clair
19	Szalku Partnership Coal Co. @	Alec Szalku	St. Clair
20	Szido Coal Co. @	Paul Szido	Kulpmont
20	T. & B. Coal Co. @	Thomas Palembas	Mount Carmel
29	T. B. P. Coal Co. @	David Taylor	Shamokin
29	T. P. L. Coal Co. @	David Taylor	Shamokin
29	T. P. S. Coal Co. @	David Taylor	Shamokin
29	T. & T. Coal Co. DM	George R. Thomas	Shamokin
17	Taglieri Coal Co. @	Harry Taglieri	Trevorton
11	Talamelli Coal Co. DM bk	Velio Talamelli	West Wyoming
30	Talbot Realty Co., Inc. S	Paul Kerrigan	Tower City
22	Tarone, Anthony S	Anthony Tarone	Raven Run
26	Tarus & Co. @	Joseph Tarus	Mahanoy City
19	Tenaglia Coal Co. S	Philip Krell	Tamaqua, R.D.3
19	Tenaglia Coal Co. S	Frank Valent	Pottsville
24	Thin Vein Coal Co. @	Blair Faust	Shamokin
29	Thomas Bros. S	George R. Thomas	Shamokin
23	Thomas & Bros., Inc. W. H. S	George A. Thomas	Shamokin
29	Thomas Coal Co., Inc. BP	George R. Thomas	Shamokin
19	Three "C" Coal Co. @	Adam Cooper	Port Carbon
30	Three H. Coal Co. DM	Harvey Herring	Pine Grove, R.D.3
20	Three Par Coal Co. @	Stanley Jankowski	Mount Carmel
26	Tierney, J. V. bk	J. V. Tierney	Shenandoah
	Tokarchek Coal Co. @	Michael Tokarchek	Minersville

District	Operator	General Manager	Address
1	Tolerico, C. A. bk	C. A. Tolerico	Carbondale
20	Tom & Joe Coal Co. @	William Brennan	Mount Carmel
29	Topolski Mining Co. @	Benjamin Topolski	Ranshaw
1	Torch Coal Co. S	Joseph J. Torch	Carbondale
25	Tremont Coal Co. BP	Alex Sausnock	Tremont
17-24	Trevorton Coal Co. BP S bk	John W. Rich	Pottsville
28	Trevorton Coal Co. @	Charles Renninger	Tremont
30	Trio Coal Co. @	William Showers	Williamstown
17	Trip Coal Co. @	James R. Williams	Shamokin
16-30	Tri-Par Coal Co. @	Robert A. Wagner	Muir
24-28	Triple S. Coal Co. @ DM	Albert Shinskie	Mount Carmel
21	Tropp, L. & J. S	Lawrence Tropp	Minersville
2	Tucker Coal Co. @	Ellsworth Tucker, Sr.	Old Forge
2	Turnpike Coal Co. DM	John Vitali	Dunmore
28	Twin Oaks Coal Co. @	Albert Shepley	Shamokin, R.D.L
1	U. & M. Coal Co. DM	Paul Baldini	Dickson City
30	Underkoffler Coal Co. BP	Herschel Underkoffler	Lykens
30	Underkoffler Coal Co. @	Howard Underkoffler	Williamstown
26	Underwood Coal Co. @	Harry Tempest	Mahanoy City
19	Undo & Partners @	George Undo	Seltzer
13	United Gas Improvement Co. bk	James Brownlee	Kingston
22	Urban Bros. @	Fabian Urban	Lost Creek
19	V. & L. Coal Co. @	Daniel Vockie	St. Clair
28	V. & M. Coal Co. @	Victor Kiersnowski	Shamokin
21	V. & P. Partnership @	Leonard Valukovich	Minersville
20	V. & W. Coal Co. @	Stephen Voloshin	Kulpmont
20	Valaro Coal Co. @	Lawrence Valara	Keiser
18	Valley Coal Co. @	J Zelonis	Middleport
26	Valley Coal Co. BP	Stanley Leck	Tamaqua
30	Valley Construction Co. DM	George Fronk	Lykens
25	Valosin Coal Co. S	Andrew Valosin	Branchdale
1	Verbi Coal Co. @	George Verbitsky	Archbald
2	Village Slope Coal Co. DM	Rudolph Rosetti	Jessup
22	Vinsky & Hoskie Coal Co. @	Anthony Vinsky	Ashland
25	Viola-Pozza Coal Co. @	Victor Viola	Pottsville
15	Virgin Coal Co. @	Robert Mosgo	Hazleton
19	Vockin Bros. Partnership @	Daniel Vockle	St. Clair
21	W. P. & D. Coal Co. @	Anthony Waniski	Pottsville, R.D.2
28	W. & S. Coal Co. @	William Stellar	Kulpmont
23	W. F. & Z Coal Co. @	John White	Keiser
16	W. & U. Coal Co. DM	Allen Umbehauer	Pine Grove
17	W. & W. Coal Co. @	Clair Wilkinson	Trevorton
22	W. & W. Coal Co. @	Walter Hynoski	Centralia
11	W. W. Coal Sales BP	Louis Falzone	Wyoming
19	W. Y & S. Coal Co. @	John Walsh	Palo Alto
1	Waddell Coal Co. BP	Peter Brojack	Winton
26	Wadleigh Coal Co. @	Frank Mucha	Frackville
27	Walitis Coal Co. DM	John Walaitis	Mahanoy City
26	Walinchus Contracting Co. DM	William Walinchus	Shamokin
24	Wallick Bros. Coal Co. @	Oscar Wallick	Pottsville, R.D.3
21	Walton, John BP	John Walton	Pottsville, R.D.2
21	Waniski Coal Co. @	Anthony Waniski	Llewellyn
27	Watcher Coal Co. @	Michael Watcher	Kulpmont
20	Water Level Coal Co. @	Leo Payneki	Lebanon
25	Weihrauch Coal Co. @	Frank Weihrauch	Girardville
29	Weikel Coal Co. @	Elwood Weikel	Middleport
19	Weitman Coal Co. @	Allen Wertman	Pottsville, R.D.2
21	Wenner Coal Co. @	James Wenner	Tamaqua
26	Wessner Coal Co. BP	Lester Wessner	Shamokin
24-28	West Cameron Coal Co. DM	Albert Minko	Trevorton
17	West End Coal Co. @	L. M. Fisher	Shamokin
29	West Point Coal Co. @	Joseph Petroski	Minersville
27	West West Coal Co., Inc. DM	Leo Strenkoski	Quakake
15	Whahoo Coal Co., John @	John Whah	Valley View
19	Wherry Bros. Coal Co. @	Daniel Wherry	Middleport
18	Whippoorwill Coal Co. @	J. Tarconish	Ashland, R.D.1
22	White Coal Co. @	Wilbur White	Ashland, R.D.1
27	White Birch Coal Co. DM	Edmund Watkins	Pottsville, R.D.1
21	White Oak Coal Co. @	John Jones	Wiconisco
30	White Oak Slope Coal Co. @	Walter Shuey	Spring Glen
30	White's Vein Coal Co. DM	Clayton Shade	McAdoo
26	Whytko Coal Co. @	Steve Whytko	Shamokin
29	Wilk Coal Co. @	Joseph Wilk	

District	Operator	General Manager	Address
28	Wilkinson Coal Co. @	Clair Wilkinson	Trevorton
19	Williams Partnership @	Evan Williams	New Philadelphia
16	Williamson Co., A. R. @	A. R. Williamson	Valley View
16	Wilson Coal Co. S	Wayne Troxell	Good Spring
30	Withelder Coal Co. @	Ross Withelder	Zerts
23	Witkoski Coal Co. @	Adolph Witkoski	Ranshaw
15	Wittig & Fellin @	William Wittig	Nuremberg
21	Wyda Coal Co. W	Michael Wyda	Auburn
16	Wolfgang Coal Co. DM	Robert Wolfgang	Jolliett
23	Wolfgang Coal Co. @	Paul Wolfgang	Mowry
21	Woratyla, Anthony BP	Anthony Woratyla	Pottsville, R.D.2
25	Woratyla & Grononis Co. DM	Andrew Woratyla	Branchdale
24	Worhacz Slope @	Russell Worhacz	Shamokin
21	Wyda Bros. bk	Michael Wyda	St. Clair
3-11	Wyoming Co. bk W	Frank J. Collins	Scranton
27	Y. C. K. Coal Co. @	William Yoder	Pottsville, R.D.2
20	Y. & F. Coal Co. @	George Fago	Centralia
29	Y. & G. Coal Co. @	James Guisbert	Faxinos
20	Y. & K. Coal Co. @	Joseph Yatsko	Mount Carmel
29	Y. & R. Coal Co. @	Joseph Yankowski	Shamokin
24	Y. & Y. Coal Co. @	Edward Yoder	Shamokin
20	Y. & Z. Coal Co. @	Joseph Yatsko	Mount Carmel
17	Yale Coal Co. @	Charles L. Whary	Shamokin
23	Yancoski & Borchick @	Edward Yancocki	Shamokin
23	Yanochko Bros. Coal Co. @	Joseph Yanik	Excelsior
18	Yanochko & Miller Coal Co. @	G. Yanochko	Mary-D
20	Yasenchak & Co. @	George Yasenchak	Shamokin
19	Yeneshosky Coal Co. @	Edward Yeneshosky	Port Carbon
18	Yob Coal Co. DM	Leo Yob	Schuylkill Haven
22	Yost Coal Co. @	Edward Yost	Mount Carmel
24	Yudacufski Bros. bk	Isadore Yudacufski	Frackville
29	Yuhas No. 2 Shaft @	John Yuhas, Jr.	Suntury
24	Z. & B. Coal Co. @	William Zimmerman	Shamokin
28	Z. D. & K. Coal Co. @	Raymond Keefer	Shamokin, R.D.2
24	Z. & L. Coal Co. @	William Zimmerman	Shamokin
17	Z. & M. Coal Co. @	Joseph J. Zalar	Shamokin
26	Zakrewsky, S. @	Steve Zakrewsky	Barneverville, R.D.
18	Zakrewsky Coal Co. DM	P. Zakrewsky	Barneverville
23	Zanella Bros. Coal Co. DM	John Zanella	Mount Carmel
23	Zegarski Coal Co. @	John Zegarski	Kulpmont
30	Zerembo Partnership Coal Co. @	Ralph Zerembo	Tower City
16	Zimmerman Coal Co. @	Donald Zimmerman	Pine Grove
25	Zimmerman Coal Co. @	Norman Zimmerman, Sr.	Pine Grove
30	Zimmerman & Co., Marlin @	Marlin Zimmerman	Pine Grove, R.D.
20	Zlocki Coal Co. @	Leonard Zlocki	Keiser
21	Zukowski Partnership @	Joseph Zukowski	Minersville
20	Zukus Coal Co., Anthony @	Anthony Zukus	Mount Carmel
20	Zukus Coal Co., Charles @	Charles Zukus	Mount Carmel

* * *

DM - Denotes Deep Mines Employing Five (5) or More Persons.

@ - Denotes Deep Mines Employing Fewer Than Five (5) Persons.

S - Denotes Strip Mine Operations.

B - Denotes Breakers.

R - Denotes Coal Ramps.

BP - Denotes Breaker Preparation Only.

bk - Denotes Bank Operations.

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